



South Coast Air Quality Management District

21865 Copley Drive, Diamond Bar, CA 91765-4178
(909) 396-2000 • www.aqmd.gov

July 11, 2013

Mr. Gerardo Rios
Chief, Permits Office
U.S. EPA – Region IX – Air – 3
75 Hawthorne Street
San Francisco, CA 94105

Dear Mr. Rios,

A handwritten signature in cursive script, appearing to read 'Gerardo', is written over the typed name 'Mr. Rios'.

Subject: Tidelands Oil Production Co. (ID 800325) - Title V Permit Revision

Tidelands Oil Production Co. is an oil and gas production facility located in Long Beach, CA. They are proposing to revise their Title V permit under Application No. 534404 by the following actions :

Appl. No.	Device Nos.	Section No.	Proposed action
534399	D170, D171, D172, C173	D	Update model numbers and dimensions.
534401	D135 & D139	D	Delete; converted to free water knock-out pots.
	D188 & D189		Add new free water knock-out pots.
534402	D43 & D44	D	Delete; equipment removed
	D185 & D190		Update dimensions on D185; add new floatation unit.

July 11, 2013

This proposed revision is considered a “minor permit revision” to their Title V Facility Permit. The draft Title V permit for the proposed revision is being sent electronically for your review. With your receipt of this proposed Title V permit, we will note that the EPA 45-day review period has begun.

If you have any questions or wish to provide comments regarding these changes, please call the processing engineer, Ms. Maria Vibal at (909) 396-2422 or mvibal@aqmd.gov.

Sincerely,

A handwritten signature in black ink, appearing to read 'William C. Thompson', with a stylized flourish at the end.

William C. Thompson, P.E.
Senior Manager
Operations Team
Engineering and Compliance

WCT:GLT:RGC:MV

Enclosures

FACILITY PERMIT TO OPERATE TIDELANDS OIL PRODUCTION CO

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions* And Requirements	Conditions
Process 1: CRUDE OIL/GAS PRODUCTION					
System 1: PROCESS HEATERS					
HEATER, #2, HYDROCARBON PRESSURE VESSEL, PRODUCED GAS, VENTED TO VAPOR RECOVERY SYSTEM, 1.98 MMBTU/HR A/N: 487170	D136		NOX: PROCESS UNIT**	CO: 2000 PPMV (5) [RULE 407, 4-2-1982]; H2S: 10 PPMV PRODUCED GAS (5) [RULE 219, 6-1-2007]; NOX: 130 LBS/MMSCF PRODUCED GAS (1) [RULE 2012, 5-6-2005]; PM: (9) [RULE 404, 2-7-1986]; PM: 0.1 GRAINS/SCF (5) [RULE 409, 8-7-1981]	E57.1, H23.7
HEATER, #3, HYDROCARBON PRESSURE VESSEL, PRODUCED GAS, VENTED TO VAPOR RECOVERY SYSTEM, 1.98 MMBTU/HR A/N: 487170	D138		NOX: PROCESS UNIT**	CO: 2000 PPMV (5) [RULE 407, 4-2-1982]; H2S: 10 PPMV PRODUCED GAS (5) [RULE 219, 6-1-2007]; NOX: 130 LBS/MMSCF PRODUCED GAS (1) [RULE 2012, 5-6-2005]; PM: (9) [RULE 404, 2-7-1986]; PM: 0.1 GRAINS/SCF (5) [RULE 409, 8-7-1981]	E57.1, H23.7
System 2: CRUDE OIL/GAS/WATER SEPARATION					
DRUM, KNOCKOUT, VENTED TO VAPOR RECOVERY SYSTEM, LENGTH: 30 FT ; DIAMETER: 10 FT A/N: 487170	D45				E57.1
DRUM, KNOCKOUT, VENTED TO VAPOR RECOVERY SYSTEM, LENGTH: 30 FT ; DIAMETER: 10 FT A/N: 487170	D46				E57.1
DRUM, KNOCKOUT, VENTED TO VAPOR RECOVERY SYSTEM, LENGTH: 30 FT ; DIAMETER: 10 FT A/N: 487170	D47				E57.1

- * (1) (1A) (1B) Denotes RECLAIM emission factor
(3) Denotes RECLAIM concentration limit
(5) (5A) (5B) Denotes command and control emission limit
(7) Denotes NSR applicability limit
(9) See App B for Emission Limits
- (2) (2A) (2B) Denotes RECLAIM emission rate
(4) Denotes BACT emission limit
(6) Denotes air toxic control rule limit
(8) (8A) (8B) Denotes 40 CFR limit (e.g. NSPS, NESHAPS, etc.)
(10) See section J for NESHAP/MACT requirements
- ** Refer to section F and G of this permit to determine the monitoring, recordkeeping and reporting requirements for this device.

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Process 1: CRUDE OIL/GAS PRODUCTION					
DRUM, KNOCKOUT, VENTED TO VAPOR RECOVERY SYSTEM, LENGTH: 30 FT ; DIAMETER: 10 FT A/N: 487170	D132				E57.1
DRUM, KNOCKOUT, VENTED TO VAPOR RECOVERY SYSTEM, LENGTH: 30 FT ; DIAMETER: 10 FT A/N: 487170	D133				E57.1
DRUM, KNOCKOUT, VENTED TO VAPOR RECOVERY SYSTEM, LENGTH: 50 FT ; DIAMETER: 10 FT A/N: 487170	D134				E57.1
DRUM, KNOCKOUT, VENTED TO VAPOR RECOVERY SYSTEM, LENGTH: 50 FT ; DIAMETER: 10 FT A/N:	D188				E57.1
DRUM, KNOCKOUT, VENTED TO VAPOR RECOVERY SYSTEM, LENGTH: 50 FT ; DIAMETER: 10 FT A/N:	D189				E57.1
DRUM, FLOW SPLITTER, LENGTH: 50 FT ; DIAMETER: 10 FT A/N: 487170	D140				
TANK, NO. 901, OIL/WATER PROCESSING, VENTED TO VAPOR RECOVERY SYSTEM, 2000 BBL; DIAMETER: 30 FT ; HEIGHT: 16 FT A/N: 487170	D59				E57.1, E127.1, H23.4
TANK, NO. 902, OIL/WATER PROCESSING, VENTED TO VAPOR RECOVERY SYSTEM, 2000 BBL; DIAMETER: 30 FT ; HEIGHT: 16 FT A/N: 487170	D60				E57.1, E127.1, H23.4

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(3) Denotes RECLAIM concentration limit (4) Denotes BACT emission limit
(5) (5A) (5B) Denotes command and control emission limit (6) Denotes air toxic control rule limit
(7) Denotes NSR applicability limit (8) (8A) (8B) Denotes 40 CFR limit (e.g. NSPS, NESHAPS, etc.)
(9) See App B for Emission Limits (10) See section J for NESHAP/MACT requirements

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Process 1: CRUDE OIL/GAS PRODUCTION					
TANK, NO. 906, OIL/WATER PROCESSING, VENTED TO VAPOR RECOVERY SYSTEM, 2000 BBL; DIAMETER: 30 FT ; HEIGHT: 16 FT A/N: 487170	D64				E57.1, E127.1, H23.4
TANK, NO. 907, OIL/WATER PROCESSING, VENTED TO VAPOR RECOVERY SYSTEM, 2000 BBL; DIAMETER: 30 FT ; HEIGHT: 16 FT A/N: 487170	D65				E57.1, E127.1, H23.4
TANK, NO. 908, OIL/WATER PROCESSING, VENTED TO VAPOR RECOVERY SYSTEM, 2000 BBL; DIAMETER: 30 FT ; HEIGHT: 16 FT A/N: 487170	D66				E57.1, E127.1, H23.4
TANK, WASH, WASH TANK NO. 5, VENTED TO VAPOR RECOVERY SYSTEM, 3000 BBL; DIAMETER: 30 FT ; HEIGHT: 24 FT A/N: 487170	D68				E57.1, E127.1, H23.4
STORAGE TANK, FIXED ROOF, POWER OIL TANK NO. 1, POWER OIL, VENTED TO VAPOR RECOVERY SYSTEM, 3000 BBL; DIAMETER: 30 FT ; HEIGHT: 24 FT A/N: 487170	D38				E57.1, E127.1, H23.4
STORAGE TANK, FIXED ROOF, POWER OIL TANK NO. 2, POWER OIL, VENTED TO VAPOR RECOVERY SYSTEM, 3000 BBL; DIAMETER: 30 FT ; HEIGHT: 24 FT A/N: 487170	D39				E57.1, E127.1, H23.4

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(7) Denotes NSR applicability limit
(9) See App B for Emission Limits
- (2) (2A) (2B) Denotes RECLAIM emission rate
(4) Denotes BACT emission limit
(6) Denotes air toxic control rule limit
(8) (8A) (8B) Denotes 40 CFR limit (e.g. NSPS, NESHAPS, etc.)
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Process 1: CRUDE OIL/GAS PRODUCTION					
STORAGE TANK, FIXED ROOF, POWER OIL NO. 3, POWER OIL, VENTED TO VAPOR RECOVERY SYSTEM, 3000 BBL; DIAMETER: 30 FT ; HEIGHT: 24 FT A/N: 487170	D69				E57.1, E127.1, H23.4
SUMP, FOR EMERGENCY AND STORMWATER USE ONLY, WIDTH: 15 FT ; DEPTH: 8 FT ; LENGTH: 15 FT A/N: 487170	D51				H23.3
SUMP, FOR EMERGENCY AND STORMWATER USE ONLY, WIDTH: 15 FT ; DEPTH: 8 FT ; LENGTH: 15 FT A/N: 487170	D52				H23.3
SUMP, COVERED, VENTED TO VAPOR RECOVERY SYSTEM, WIDTH: 6 FT 10 IN; DEPTH: 7 FT 3 IN; LENGTH: 8 FT 9 IN A/N: 487170	D137				E57.1, H23.3
TANK, #922, DRAIN TANK, VENTED TO CARBON ADSORBER, 71 BBL; DIAMETER: 8 FT ; HEIGHT: 8 FT A/N: 487170	D183	C180			E57.2, E127.1, H23.8
System 3: WASTE WATER TREATMENT					
POT, CONDENSATE TRAP, IN HYDROCARBON GATHERING AND VAPOR RECOVERY SYSTEM, HEIGHT: 10 FT ; DIAMETER: 3 FT A/N: 490356	D35				

- | | |
|---|---|
| <p>* (1) (1A) (1B) Denotes RECLAIM emission factor</p> <p>(3) Denotes RECLAIM concentration limit</p> <p>(5) (5A) (5B) Denotes command and control emission limit</p> <p>(7) Denotes NSR applicability limit</p> <p>(9) See App B for Emission Limits</p> | <p>(2) (2A) (2B) Denotes RECLAIM emission rate</p> <p>(4) Denotes BACT emission limit</p> <p>(6) Denotes air toxic control rule limit</p> <p>(8) (8A) (8B) Denotes 40 CFR limit (e.g. NSPS, NESHAPS, etc.)</p> <p>(10) See section J for NESHAP/MACT requirements</p> |
|---|---|

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Process 1: CRUDE OIL/GAS PRODUCTION					
POT, CONDENSATE TRAP, IN HYDROCARBON GATHERING AND VAPOR RECOVERY SYSTEM, HEIGHT: 10 FT ; DIAMETER: 3 FT A/N: 490356	D36				
STORAGE TANK, FIXED ROOF, NORTH SKIM, WASTE WATER, VENTED TO VAPOR RECOVERY SYSTEM, 2000 BBL; DIAMETER: 30 FT ; HEIGHT: 16 FT A/N: 490356	D40				E57.1, E127.1, H23.1
STORAGE TANK, FIXED ROOF, SOUTH SKIM, WASTE WATER, VENTED TO VAPOR RECOVERY SYSTEM, 2000 BBL; DIAMETER: 30 FT ; HEIGHT: 16 FT A/N: 490356	D41				E57.1, E127.1, H23.1
STORAGE TANK, FIXED ROOF, FILTERED WATER, VENTED TO VAPOR RECOVERY SYSTEM, 3000 BBL; DIAMETER: 30 FT ; HEIGHT: 24 FT A/N: 490356	D42				E57.1, E127.1, H23.1
FLOATATION UNIT, INDUCED STATIC, VENTED TO VAPOR RECOVERY, 800 BBL; DIAMETER: 10 FT 6 IN; LENGTH: 49 FT A/N: 490356	D185				E57.1, E127.1, H23.1
FLOATATION UNIT, INDUCED STATIC, VENTED TO VAPOR RECOVERY, 800 BBL; DIAMETER: 10 FT 6 IN; LENGTH: 49 FT A/N:	D190				E57.1, E127.1, H23.1

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- (2) (2A) (2B) Denotes RECLAIM emission rate
(4) Denotes BACT emission limit
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(8) (8A) (8B) Denotes 40 CFR limit (e.g. NSPS, NESHAPS, etc.)
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Process 1: CRUDE OIL/GAS PRODUCTION					
STORAGE TANK, EMERGENCY WATER, VENTED TO VAPOR RECOVERY SYSTEM, 6667 BBL; DIAMETER: 55 FT ; HEIGHT: 16 FT A/N: 490356	D130				E57.1, E127.1, H23.1
TANK, #939, FLOAT CELL SKIM TANK, VENTED TO VAPOR RECOVERY, HEIGHT: 6 FT ; DIAMETER: 6 FT A/N: 490356	D182				E57.1, E127.1, H23.1
Process 2: VAPOR RECOVERY/FUEL GAS TREATMENT					
SCRUBBER, GAS, VENTED TO VAPOR RECOVERY SYSTEM, HEIGHT: 15 FT ; DIAMETER: 4 FT 6 IN A/N: 490362	D148				
SCRUBBER, GAS, VENTED TO VAPOR RECOVERY SYSTEM, HEIGHT: 10 FT ; DIAMETER: 2 FT 6 IN A/N: 490362	D149				
SCRUBBER, GAS, VENTED TO VAPOR RECOVERY SYSTEM, HEIGHT: 11 FT ; DIAMETER: 2 FT 6 IN A/N: 490362	D150				
SCRUBBER, GAS, VENTED TO VAPOR RECOVERY SYSTEM, HEIGHT: 12 FT ; DIAMETER: 2 FT 6 IN A/N: 490362	D151				

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Process 2: VAPOR RECOVERY/FUEL GAS TREATMENT					
SCRUBBER, GAS, VENTED TO VAPOR RECOVERY SYSTEM, HEIGHT: 12 FT ; DIAMETER: 2 FT 6 IN A/N: 490362	D152				
SCRUBBER, GAS, VENTED TO VAPOR RECOVERY SYSTEM, HEIGHT: 8 FT ; DIAMETER: 3 FT A/N: 490362	D153				
SCRUBBER, GAS, VENTED TO VAPOR RECOVERY SYSTEM, HEIGHT: 7 FT ; DIAMETER: 3 FT A/N: 490362	D154				
VESSEL, SULFATREAT, VENTED TO VAPOR RECOVERY SYSTEM, HEIGHT: 27 FT ; DIAMETER: 7 FT A/N: 490362	D155				
VESSEL, SULFATREAT, VENTED TO VAPOR RECOVERY SYSTEM, HEIGHT: 27 FT ; DIAMETER: 7 FT A/N: 490362	D156				
VESSEL, FREE WATER KNOCKOUT, GAS DEHYDRATION, VENTED TO VAPOR RECOVERY SYSTEM, HEIGHT: 8 FT ; DIAMETER: 4 FT A/N: 490362	D157				
VESSEL, COOLANT, VENTED TO VAPOR RECOVERY SYSTEM, HEIGHT: 6 FT 6 IN; DIAMETER: 3 FT A/N: 490362	D158				

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Process 2: VAPOR RECOVERY/FUEL GAS TREATMENT					
SCRUBBER, SUCTION, GAS, VENTED TO VAPOR RECOVERY SYSTEM, HEIGHT: 6 FT ; DIAMETER: 1 FT A/N: 490362	D159				
SCRUBBER, DISCHARGE, GAS, VENTED TO VAPOR RECOVERY SYSTEM, HEIGHT: 7 FT ; DIAMETER: 2 FT A/N: 490362	D160				
GAS SEPARATOR, V10, HEIGHT: 7 FT 6 IN; DIAMETER: 1 FT 2 IN A/N: 490362	D174				
ABSORBER, V-21, CO2, HEIGHT: 7 FT 4 IN; DIAMETER: 3 FT 7 IN A/N: 490362	D175				
ABSORBER, V-22, CO2, HEIGHT: 7 FT 4 IN; DIAMETER: 3 FT 7 IN A/N: 490362	D176				
ABSORBER, V-23, CO2, HEIGHT: 7 FT 4 IN; DIAMETER: 3 FT 7 IN WITH A/N: 490362	D177				
COMPRESSOR, 125 HP ELECTRIC VACUUM COMPRESSOR					
KNOCKOUT BOX, V-20, HEIGHT: 5 FT 6 IN; DIAMETER: 1 FT 4 IN A/N: 490362	D178				
Process 3: PETROLEUM STORAGE					

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Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 3: PETROLEUM STORAGE					
STORAGE TANK, FIXED ROOF, WEST SLOP, CRUDE OIL, VENTED TO CARBON ADSORBER, 2200 BBL; DIAMETER: 33 FT ; HEIGHT: 18 FT A/N: 487168	D27	C180			E57.2, E127.1, H23.4
STORAGE TANK, FIXED ROOF, EAST SLOP, CRUDE OIL, VENTED TO CARBON ADSORBER, 2000 BBL; DIAMETER: 30 FT ; HEIGHT: 16 FT A/N: 487169	D28	C180			E57.2, E127.1, H23.4
CARBON ADSORBER, PRIMARY, 1000 LBS A/N: 487165	C180	D27 D28 C181 D183			D12.3, D90.1, E153.1, E193.1, K67.3
CARBON ADSORBER, SECONDARY, 1000 LBS A/N: 487165	C181	C180			D90.1, E153.2, E193.1, K67.3
STORAGE TANK, FIXED ROOF, CRUDE OIL & GROUNDWATER HOLDING/STORAGE, 2500 GALS; DIAMETER: 7 FT 1.92 IN; HEIGHT: 8 FT 3.48 IN A/N: 518993	D187				
Process 4: FUGITIVE EMISSIONS					
FUGITIVE EMISSIONS, COMPRESSORS, IN HYDROCARBON GATHERING AND VAPOR RECOVERY SERVICE A/N: 490362	D70				H23.5
FUGITIVE EMISSIONS, VALVES A/N: 487170	D71				H23.5
FUGITIVE EMISSIONS, PRV A/N: 225230	D72				H23.5

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Process 4: FUGITIVE EMISSIONS					
FUGITIVE EMISSIONS, PUMPS, IN NON-RULE 466 SERVICE A/N: 487170	D163				H23.5
FUGITIVE EMISSIONS, FLANGES A/N: 487170	D164				H23.5
FUGITIVE EMISSIONS, DRAINS A/N: 487170	D165				H23.3
Process 5: GAS ODORIZATION					
VESSEL, ODORANT STORAGE, NJEX, MODEL 6300G, 20 GALS, LENGTH: 2 FT 8 IN; DIAMETER: 1 FT A/N: 317584	D170	C173			E175.1, E179.1, E179.2, K67.2
VESSEL, EXPANSION TANK, NJEX, MODEL 6300G, 4.3 GALS, LENGTH: 1 FT 2 IN; DIAMETER: 10 IN A/N: 317584	D171	C173			E175.1, E179.1, E179.2
ODORANT DISPENSING EQUIPMENT, ELECTRIC PUMP, NJEX, MODEL 6000, WITH CONTROLLER, MODEL N300 A/N: 317584	D172	C173			E175.1, E179.1, E179.2
CARBON FILTER, MODEL C4-0024 A/N: 317584	C173	D170 D171 D172			E179.1, E179.2, E224.1, E224.2, K48.2, K67.2
Process 6: R-219 EXEMPT EQUIPMENT SUBJECT TO SOURCE SPECIFIC RULES					
RULE 219 EXEMPT EQUIPMENT, EQUIPMENT AND TOOL SOLVENT CLEANING, EXEMPT HAND WIPING OPERATIONS	E166			VOC: (9) [RULE 1171, 11-7-2003; RULE 1171, 5-1-2009]	

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Process 6: R-219 EXEMPT EQUIPMENT SUBJECT TO SOURCE SPECIFIC RULES					
RULE 219 EXEMPT EQUIPMENT, COATING EQUIPMENT, PORTABLE, ARCHITECTURAL COATINGS	E167			VOC: (9) [RULE 1113, 11-8-1996; RULE 1113, 6-3-2011; RULE 1171, 11-7-2003; RULE 1171, 5-1-2009]	K67.1
RULE 219 EXEMPT EQUIPMENT, WELL HEADS AND PUMPS, OIL AND GAS	E169				H23.6
Process 7: EXTERNAL COMBUSTION					
FLARE, GROUND FLARE, EMERGENCY, PRODUCED GAS, ZEECO INC., HEIGHT: 40 FT ; DIAMETER: 8 FT 6 IN; 58 MMBTU/HR A/N: 327491	C168			CO: 2000 PPMV (5) [RULE 407, 4-2-1982]; NOX: 85 PPMV PRODUCED GAS (4) [RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002; RULE 1303(b)(2)-Offset, 5-10-1996; RULE 1303(b)(2)-Offset, 12-6-2002]; PM: (9) [RULE 404, 2-7-1986]; PM: 0.1 GRAINS/SCF (5) [RULE 409, 8-7-1981]	C8.1, D12.2

- * (1) (1A) (1B) Denotes RECLAIM emission factor
(3) Denotes RECLAIM concentration limit
(5) (5A) (5B) Denotes command and control emission limit
(7) Denotes NSR applicability limit
(9) See App B for Emission Limits
- (2) (2A) (2B) Denotes RECLAIM emission rate
(4) Denotes BACT emission limit
(6) Denotes air toxic control rule limit
(8) (8A) (8B) Denotes 40 CFR limit (e.g. NSPS, NESHAPS, etc.)
(10) See section J for NESHAP/MACT requirements
- ** Refer to section F and G of this permit to determine the monitoring, recordkeeping and reporting requirements for this device.

FACILITY PERMIT TO OPERATE TIDELANDS OIL PRODUCTION CO

SECTION D: DEVICE ID INDEX

**The following sub-section provides an index
to the devices that make up the facility
description sorted by device ID.**

FACILITY PERMIT TO OPERATE TIDELANDS OIL PRODUCTION CO

SECTION D: DEVICE ID INDEX

Device Index For Section D			
Device ID	Section D Page No.	Process	System
D27	9	3	0
D28	9	3	0
D35	4	1	3
D36	5	1	3
D38	3	1	2
D39	3	1	2
D40	5	1	3
D41	5	1	3
D42	5	1	3
D45	1	1	2
D46	1	1	2
D47	1	1	2
D51	4	1	2
D52	4	1	2
D59	2	1	2
D60	2	1	2
D64	3	1	2
D65	3	1	2
D66	3	1	2
D68	3	1	2
D69	4	1	2
D70	9	4	0
D71	9	4	0
D72	9	4	0
D130	6	1	3
D132	2	1	2
D133	2	1	2
D134	2	1	2
D136	1	1	1
D137	4	1	2
D138	1	1	1
D140	2	1	2
D148	6	2	0
D149	6	2	0
D150	6	2	0

**FACILITY PERMIT TO OPERATE
TIDELANDS OIL PRODUCTION CO
SECTION D: DEVICE ID INDEX**

Device Index For Section D			
Device ID	Section D Page No.	Process	System
D151	6	2	0
D152	7	2	0
D153	7	2	0
D154	7	2	0
D155	7	2	0
D156	7	2	0
D157	7	2	0
D158	7	2	0
D159	8	2	0
D160	8	2	0
D163	10	4	0
D164	10	4	0
D165	10	4	0
E166	10	6	0
E167	11	6	0
C168	11	7	0
E169	11	6	0
D170	10	5	0
D171	10	5	0
D172	10	5	0
C173	10	5	0
D174	8	2	0
D175	8	2	0
D176	8	2	0
D177	8	2	0
D178	8	2	0
C180	9	3	0
C181	9	3	0
D182	6	1	3
D183	4	1	2
D185	5	1	3
D187	9	3	0
D188	2	1	2
D189	2	1	2
D190	5	1	3

FACILITY PERMIT TO OPERATE TIDELANDS OIL PRODUCTION CO

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

FACILITY CONDITIONS

F1.2 The operator shall limit the operation to no more than 5 lb(s) in any one day.

For the purpose of this condition, compliance shall be defined as keeping facility emissions below 5 lbs/day total sulfur compounds using the following procedure: (a) Collecting fuel gas samples monthly at sampling locations that are representative of the fuel that is burned in each combustion device at the facility and have these samples analysed using District Method 307-91 to measure total sulfur compounds; (b) Measuring the total quantity of fuel that is burned at the facility each day; and (c) the procedure designated in condition F1.3.

The operator shall maintain records in a manner approved by the District to demonstrate compliance with this condition.

[RULE 431.1, 6-12-1998]

F1.3 The operator shall limit the operation to no more than 5 lb(s) in any one day.

For the purpose of this condition, compliance shall be defined as keeping facility emissions below 5 lbs/day total sulfur compounds using the procedure under condition F1.2. including that within 14 calendar days after the end of each month, the operator shall calculate the emissions of sulfur compounds, as H₂S, for each day in the previous calendar month by multiplying the highest concentration, in ppmv, measured in condition F1.2(a), by the amount of fuel burned each day per condition F1.2(b), in standard cubic feet, and by a conversion factor of 8.971E-8.

The operator shall maintain records in a manner approved by the District to demonstrate compliance with this condition.

[RULE 431.1, 6-12-1998]

FACILITY PERMIT TO OPERATE TIDELANDS OIL PRODUCTION CO

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

F2.1 The operator shall limit emissions from this facility as follows:

CONTAMINANT	EMISSIONS LIMIT
Sulfur compounds	Less than 5 LBS PER DAY

[RULE 431.1, 6-12-1998]

F9.1 Except for open abrasive blasting operations, the operator shall not discharge into the atmosphere from any single source of emissions whatsoever any air contaminant for a period or periods aggregating more than three minutes in any one hour which is:

(a) As dark or darker in shade as that designated No.1 on the Ringelmann Chart, as published by the United States Bureau of Mines; or

(b) Of such opacity as to obscure an observer's view to a degree equal to or greater than does smoke described in subparagraph (a) of this condition.

[RULE 401, 3-2-1984; RULE 401, 11-9-2001]

DEVICE CONDITIONS

C. Throughput or Operating Parameter Limits

C8.1 The operator shall use this equipment in such a manner that the temperature being monitored, as indicated below, is not less than 1400 Deg F.

FACILITY PERMIT TO OPERATE TIDELANDS OIL PRODUCTION CO

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

The operator shall also install and maintain a device to continuously record the parameter being measured.

To comply with this condition, the operator shall install and maintain a(n) temperature gauge to accurately indicate the temperature at the flare stack located at least 6 seconds downstream of the burner and not less than five feet from the top of the stack.

[RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002]

[Devices subject to this condition : C168]

D. Monitoring/Testing Requirements

D12.2 The operator shall install and maintain a(n) non-resettable totalizing fuel meter to accurately indicate the fuel usage at the flare.

[RULE 1303(b)(2)-Offset, 5-10-1996; RULE 1303(b)(2)-Offset, 12-6-2002]

[Devices subject to this condition : C168]

D12.3 The operator shall install and maintain a(n) flow meter to accurately indicate the flow rate at the inlet to the primary activated carbon filter.

[RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002]

[Devices subject to this condition : C180]

D90.1 The operator shall periodically analyze the VOC concentration at the inlet of the primary carbon adsorber, and the inlet and outlet of the secondary carbon adsorber according to the following specifications:

FACILITY PERMIT TO OPERATE TIDELANDS OIL PRODUCTION CO

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

The operator shall use a District approved Organic Vapor Analyzer (OVA) to analyze the parameter.

The operator shall calibrate the instrument used to analyze the parameter in ppmv methane.

The operator shall analyze once every week.

[**RULE 1303(a)(1)-BACT, 5-10-1996**; **RULE 1303(a)(1)-BACT, 12-6-2002**]

[Devices subject to this condition : C180, C181]

E. Equipment Operation/Construction Requirements

E57.1 The operator shall vent this equipment to a vapor recovery/balance system which is in full use whenever it is in operation.

[**RULE 1303(a)(1)-BACT, 5-10-1996**; **RULE 1303(a)(1)-BACT, 12-6-2002**]

[Devices subject to this condition : D38, D39, D40, D41, D42, D45, D46, D47, D59, D60, D64, D65, D66, D68, D69, D130, D132, D133, D134, D136, D137, D138, D182, D185, D188, D189, D190]

E57.2 The operator shall vent this equipment to the activated carbon adsorber system whenever it is in operation.

The activated carbon adsorber system shall consist of a primary adsorber (C180) and a secondary adsorber (C181) connecting to each other in series.

[**RULE 1148.1, 3-5-2004**; **RULE 1303(a)(1)-BACT, 5-10-1996**; **RULE 1303(a)(1)-BACT, 12-6-2002**; **RULE 463, 5-6-2005**]

FACILITY PERMIT TO OPERATE TIDELANDS OIL PRODUCTION CO

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

[Devices subject to this condition : D27, D28, D183]

E127.1 The operator shall keep gauge/sample hatches closed except during actual gauging/sampling operations.

[RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002; RULE 463, 5-6-2005]

[Devices subject to this condition : D27, D28, D38, D39, D40, D41, D42, D59, D60, D64, D65, D66, D68, D69, D130, D182, D183, D185, D190]

E153.1 The operator shall change over the carbon in the adsorber whenever breakthrough occurs.

For the purpose of this condition, breakthrough occurs when the hydrocarbon monitor reading indicates a concentration of 150 ppmv at the outlet of primary carbon adsorber.

[RULE 1148.1, 3-5-2004; RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002; RULE 463, 5-6-2005]

[Devices subject to this condition : C180]

E153.2 The operator shall change over the carbon in the adsorber whenever breakthrough occurs.

For the purpose of this condition, breakthrough occurs when the hydrocarbon monitor reading indicates a concentration of 30 ppmv at the outlet of the secondary carbon adsorber.

[RULE 1148.1, 3-5-2004; RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002; RULE 463, 5-6-2005]

FACILITY PERMIT TO OPERATE TIDELANDS OIL PRODUCTION CO

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

[Devices subject to this condition : C181]

E175.1 The operator shall not use this equipment unless all exhaust air passes through the following:

Activated carbon filter which is in proper operating conditions

[RULE 402, 5-7-1976]

[Devices subject to this condition : D170, D171, D172]

E179.1 For the purpose of the following condition number(s), exhaust air shall be defined as the gases displaced during all phases of odorant transfer.

Condition Number 175-1

[RULE 402, 5-7-1976]

[Devices subject to this condition : D170, D171, D172, C173]

E179.2 For the purpose of the following condition number(s), exhaust air shall be defined as the gases displaced during depressurizing of any equipment.

Condition Number 175-1

[RULE 402, 5-7-1976]

[Devices subject to this condition : D170, D171, D172, C173]

E193.1 The operator shall operate and maintain this equipment according to the following requirements:

FACILITY PERMIT TO OPERATE TIDELANDS OIL PRODUCTION CO

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

The activated carbon used in the adsorber shall have a carbon tetrachloride number (CTC) of not less than 60% as measured by ASTM Method D3467.

[RULE 1148.1, 3-5-2004; **RULE 1303(a)(1)-BACT, 5-10-1996**; RULE 1303(a)(1)-BACT, 12-6-2002; **RULE 463, 5-6-2005**]

[Devices subject to this condition : C180, C181]

E224.1 The operator shall replace the adsorbent in the carbon filter with at least 18 pounds of fresh activated carbon when the operator smells odorant from the carbon filter. Odorant filling shall cease whenever the operator smells odorant from the carbon filter.

[RULE 402, 5-7-1976]

[Devices subject to this condition : C173]

E224.2 The operator shall replace the adsorbent when a given batch of activated carbon vents 5 consecutive odorant tank refills. The adsorbent shall be replaced with at least 18 pounds of fresh activated carbon before the next odorant tank refill takes place.

[RULE 402, 5-7-1976]

[Devices subject to this condition : C173]

H. Applicable Rules

H23.1 This equipment is subject to the applicable requirements of the following rules or regulations:

Contaminant	Rule	Rule/Subpart
VOC	District Rule	1176

FACILITY PERMIT TO OPERATE TIDELANDS OIL PRODUCTION CO

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

VOC	District Rule	464
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[RULE 1176, 9-13-1996; RULE 464, 12-7-1990]

[Devices subject to this condition : D40, D41, D42, D130, D182, D185, D190]

H23.3 This equipment is subject to the applicable requirements of the following rules or regulations:

Contaminant	Rule	Rule/Subpart
VOC	District Rule	1176

[RULE 1176, 9-13-1996]

[Devices subject to this condition : D51, D52, D137, D165]

H23.4 This equipment is subject to the applicable requirements of the following rules or regulations:

Contaminant	Rule	Rule/Subpart
VOC	District Rule	463
VOC	District Rule	1149

[RULE 1149, 7-14-1995; RULE 1149, 5-2-2008; RULE 463, 5-6-2005]

[Devices subject to this condition : D27, D28, D38, D39, D59, D60, D64, D65, D66, D68, D69]

H23.5 This equipment is subject to the applicable requirements of the following rules or regulations:

FACILITY PERMIT TO OPERATE TIDELANDS OIL PRODUCTION CO

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

Contaminant	Rule	Rule/Subpart
VOC	District Rule	1173

[RULE 1173, 5-13-1994; RULE 1173, 2-6-2009]

[Devices subject to this condition : D70, D71, D72, D163, D164]

H23.6 This equipment is subject to the applicable requirements of the following rules or regulations:

Contaminant	Rule	Rule/Subpart
TOC	District Rule	1148.1

[RULE 1148.1, 3-5-2004]

[Devices subject to this condition : E169]

H23.7 This equipment is subject to the applicable requirements of the following rules or regulations:

Contaminant	Rule	Rule/Subpart
CO	District Rule	1146.2

[RULE 1146.2, 5-5-2006]

[Devices subject to this condition : D136, D138]

H23.8 This equipment is subject to the applicable requirements of the following rules or regulations:

FACILITY PERMIT TO OPERATE TIDELANDS OIL PRODUCTION CO

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

Contaminant	Rule	Rule/Subpart
VOC	District Rule	1148.1

[RULE 1148.1, 3-5-2004]

[Devices subject to this condition : D183]

K. Record Keeping/Reporting

K48.2 The operator shall maintain records in a manner approved by the District, to demonstrate compliance with the following condition number(s):

Condition Number E 224- 1

Condition Number E 224- 2

[RULE 402, 5-7-1976]

[Devices subject to this condition : C173]

K67.1 The operator shall keep records, in a manner approved by the District, for the following parameter(s) or item(s):

FACILITY PERMIT TO OPERATE TIDELANDS OIL PRODUCTION CO

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

For architectural applications where no thinners, reducers, or other VOC containing materials are added, maintain semi-annual records for all coating consisting of (a) coating type, (b) VOC content as supplied in grams per liter (g/l) of materials for low-solids coatings, (c) VOC content as supplied in g/l of coating, less water and exempt solvent, for other coatings.

For architectural applications where thinners, reducers, or other VOC containing materials are added, maintain daily records for each coating consisting of (a) coating type, (b) VOC content as applied in grams per liter (g/l) of materials used for low-solids coatings, (c) VOC content as applied in g/l of coating, less water and exempt solvent, for other coatings.

[RULE 3004(a)(4)-Periodic Monitoring, 12-12-1997]

[Devices subject to this condition : E167]

K67.2 The operator shall keep records, in a manner approved by the District, for the following parameter(s) or item(s):

- A) The odorant refill date,
- B) The amount of odorant added to the tank,
- C) The carbon filter replacement date, and
- D) The amount of replacement fresh activated carbon

[RULE 402, 5-7-1976]

[Devices subject to this condition : D170, C173]

K67.3 The operator shall keep records, in a manner approved by the District, for the following parameter(s) or item(s):

FACILITY PERMIT TO OPERATE TIDELANDS OIL PRODUCTION CO

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

VOC concentrations at the inlet of the primary carbon adsorber

VOC concentrations at the inlet and outlet of the secondary carbon adsorber

Date when change over of carbon occurs

The records shall be kept on file for a minimum of five years. The records shall be made available to District personnel upon request.

[RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002; RULE 463, 5-6-2005]

[Devices subject to this condition : C180, C181]

SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT ENGINEERING & COMPLIANCE APPLICATION PROCESSING AND CALCULATIONS	PAGES 10	PAGE NO. 1
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EVALUATION REPORT FOR PERMIT TO OPERATE
Minor Revision of RECLAIM /Title V Facility Permit

APPLICANT'S NAME: Tidelands Oil Production Company (Fac. ID 800325)

MAILING ADDRESS: 111 West Ocean Blvd. Ste. 800
Long Beach, CA 90802

EQUIPMENT LOCATION: 949 Pier G Avenue.
Long Beach, CA 90802

CONTACT : Nauman Charania James Adams
HES Advisor Consultant, Yorke Eng'g
Tel: (562) 277-6373 (949) 248-8490 X231

EQUIPMENT DESCRIPTION

A/N 534404 Minor Revision of the RECLAIM/Title V Facility Permit
A/N 534399 Modification of Natural Gas Odorization System
A/N 534401 Modification of Process Heaters
A/N 534402 Modification of Wastewater Treatment System
A/N 534403 Modification of Vapor Recovery System

Listed below are the applications that are superseded by the referenced modification applications :

Application Number	SUPERSEDING	
	Permit Number	Application Number
534399	F22830	317584 (Fac. ID 68111)
534401	G7809	487170
534402	G10001	490356
534403	G10002	490362

SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT ENGINEERING & COMPLIANCE APPLICATION PROCESSING AND CALCULATIONS	PAGES 10	PAGE NO. 2
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	PROCESSED BY M VIBAL	CHECKED BY

Section D of the Facility Permit (FP) will be modified as follows :

Items in bold-faced print are to be added; crossed-out items are to be removed. Only the items that are modified or added are shown below.

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

Equipment	ID No.	Connected to	Source Type	Emissions	Equipment Specific Condition
PROCESS 1: CRUDE OIL/GAS PRODUCTION					
System 1: PROCESS HEATERS					
Heater, #1, Hydrocarbon Pressure Vessel, Produced Gas, Vented to Vapor Recovery System, 1.98 MMBtu/hr A/N 487170	D135		NOx : Process Unit	CO: 2000 ppmv (5) [Rule 407, 4-2-1982]; H2S: 10 ppmv Produced Gas (5) [Rule 219, 6-1-2007]; NOx: 130 lbs/MMscf Produced Gas (1) [Rule 2012, 5-6-2005]; PM: (9) [Rule 404, 2-7-1986; PM: 0.1 grains/scf (5) [Rule 409, 8-7-1981].	E57.1, H23.7
Heater, #4, Hydrocarbon Pressure Vessel, Produced Gas, Vented to Vapor Recovery System, 1.98 MMBtu/hr A/N 487170	D139		NOx : Process Unit	CO: 2000 ppmv (5) [Rule 407, 4-2-1982]; H2S: 10 ppmv Produced Gas (5) [Rule 219, 6-1-2007]; NOx: 130 lbs/MMscf Produced Gas (1) [Rule 2012, 5-6-2005]; PM: (9) [Rule 404, 2-7-1986; PM: 0.1 grains/scf (5) [Rule 409, 8-7-1981].	E57.1, H23.7
System 2: CRUDE OIL/GAS/WATER SEPARATION					
Drum, Knockout, Vented to Vapor Recovery System, Length : 50 ft; Diameter : 10 ft. A/N 534401	D188				E57.1
Drum, Knockout, Vented to Vapor Recovery System, Length : 50 ft; Diameter : 10 ft. A/N 534401	D189				E57.1
<i>All references to A/N 487170 will be changed to A/N 534401 due to the modification. This applies to all devices under Process 1, Systems 1 and 2.</i>					

SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT ENGINEERING & COMPLIANCE APPLICATION PROCESSING AND CALCULATIONS	PAGES 10	PAGE NO. 3
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Equipment	ID No.	Connected to	Source Type	Emissions	Equipment Specific Condition
PROCESS 1: CRUDE OIL/GAS PRODUCTION					
System 3: WASTE WATER TREATMENT					
Floatation Unit, North, Tank #935, Vented to Vapor Recovery System, 3000 800 Bbl, Diameter: 30 Ft, Height: 24 Ft. A/N 490356	D43				E17.1, E57.1 E127.1, H23.1
Floatation Unit, South, Tank #936, Vented to Vapor Recovery System, 3000 Bbl, Diameter: 30 Ft, Height: 24 Ft. A/N 490356	D44				E57.1, H23.1
Floatation Unit, Induced Static, Vented to Vapor Recovery System, 100000 800 Bbl, Diameter: 10 Ft 6 In; Length: 40 49 Ft. A/N 490356 534402	D185				E17.1, E57.1, E127.1, H23.1
Floatation Unit, Induced Static, Vented to Vapor Recovery System, 800 Bbl, Diameter: 10 Ft 6 In; Length: 49 Ft. A/N 534402	D190				E57.1, E127.1, H23.1
<i>All references to A/N 490356 will be changed to A/N 533402 due to the modification. This applies to all devices under Process 1, System 3.</i>					

SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT ENGINEERING & COMPLIANCE APPLICATION PROCESSING AND CALCULATIONS	PAGES 10	PAGE NO. 4
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Equipment	ID No.	Connected to	Source Type	Emissions	Equipment Specific Condition
PROCESS 5: GAS ODORIZATION					
Vessel, Odorant Storage, NJEX, Model 6200G 6300G , 20 Gals, Length: 2 Ft 5 8 In; Diameter: 1 Ft; 2 In. A/N 317584 534399	D170	C173			E175.1, E179.1 E179.2, K67.2.
Vessel, Expansion Tank, NJEX, Model 6200G 6300G , 5.4 4.3 Gals, Length: 1 Ft 4 2 In; Diameter: 10 In A/N 317584 534399	D171	C173			E175.1, E179.1 E179.2
Odorant Dispensing Equipment, Electric Pump, NJEX, Model 6000, with Controller, Model N200 N300 A/N 317584 534399	D172	C173			E175.1, E179.1 E179.2
Carbon Filter, Model C4-0024 A/N 317584 534399	C173	D170 D171 D172			E179.1, E179.2, E224.1, E224.2, K48.2, K67.2.

SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT ENGINEERING & COMPLIANCE APPLICATION PROCESSING AND CALCULATIONS	PAGES 10	PAGE NO. 5
	APPL. NO. See below	DATE 6/26/2013
	PROCESSED BY M VIBAL	CHECKED BY

Equipment	ID No.	Connected to	Source Type	Emissions	Equipment Specific Condition
PROCESS 7: EXTERNAL COMBUSTION					
Boiler, Produced Gas, Struthers Manufacturing, Equipped with a 75 Hp Combustion Air Blower, Used for Steam Injection, with Low NOx Burner, Flue Gas Recirculation, 62.5 MMBtu/hr with A/N 400836 - Burner, Produced Gas, - North American, Model - 4211 GLE, with Low NOx - Burner, 62.5 MMBtu/hr	D146		NOx: Major Source **	CO: 10 ppmv Produced Gas (4) [Rule 1303(a)(1) BACT, 5-10-1996; Rule 1303(a)(1) BACT, 12-6-2002]; CO: 400 ppmv (5B) [Rule 1146, 11-17-2000]; CO: 2000 ppmv (5A) [Rule 407, 4-2-1982] NOx: 15 ppmv Produced Gas (4) [Rule 2005, 4-20-2001]; PM: 0.1 grains/scf (5) [Rule 409, 8-7-1981];	B59.3, C1.1, D12.1, E313.1, E315.1

- (1) (1A) (1B) Denotes RECLAIM emission factor
(3) Denotes RECLAIM concentration limit
(5) (5A) (5B) Denotes command and control emission limit
(7) Denotes NSR applicability limit
(9) See App B for Emission Limits

- (2) (2A) (2B) Denotes RECLAIM emission rate
(4) Denotes BACT emission limit
(6) Denotes air toxic control rule limit
(8) (8A) (8B) Denotes 40 CFR limit (e.g. NSPS, NESHAPS, etc.)
(10) See section J for NESHAP/MACT requirements

Note: There are no modifications to A/N 490362 – Vapor Recovery System.

PERMIT CONDITIONS

The wordings in the permit conditions remain the same. No new conditions are to be added.

BACKGROUND/PROCESS DESCRIPTION

Tidelands Oil Production Company (Tidelands) is a crude oil production facility that is located in the Port of Long Beach. This facility, which is known as Tank Farm Z 1-2 receives crude oil/gas/water mixture from oil wells located in the Long Beach harbor. They operate equipment which separate the mixture to produce oil and gas. The oil stream is sold as a source of revenue; the water stream is reinjected into the producing formation; and, the gas stream is treated and either used as fuel, sold as a source of revenue, or if necessary, flared. Tidelands Tank Farm Z 1-2 is both a RECLAIM and Title V facility in the SCAQMD.

During a facility audit inspection, Tidelands discovered that they have a number of equipment at Tank Farm Z 1-2 that have been modified but were not filed for new operating permits. The company filed the referenced permit applications on March 13, 2012 to modify their RECLAIM/Title V Facility

SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT ENGINEERING & COMPLIANCE APPLICATION PROCESSING AND CALCULATIONS	PAGES 10	PAGE NO. 6
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Permit (FP). Following is a discussion of the modifications that the applicant proposed in the applications:

Application Number	Modification/s
534399 Natural Gas Odorization System	Replace the N. G. Odorization System NJEX Model 6200G with the NJEX Model 6300G. The two models are essentially the same. No change in emissions are expected.
534401 Process Heaters	Remove Heater Treater 1 (Device D135) and Heater Treater 4 (Device D139) from the Crude Oil/Gas Production Process 1, System 1, and move to System 2 (Crude Oil/Gas/Water Separation) as free water knock out (fwko) tanks. Device ID nos. D135 and D139 were converted to fwko tanks by removing the heating elements. This resulted in a decrease of combustion emissions. The fugitive emissions remain the same as in previous application 487170.
534402 Wastewater Treatment System	Add a second Induced Static Flotation (ISF) Unit identical to the existing one (Device D185). Update both unit capacities to 800 bbls. Delete the South Flotation Unit (Device D44) and North Flotation Unit (Device D43) per applicant's advice. No significant emission increases are expected from the modification since the emissions are charged to the devices that were removed..
534403 Vapor Recovery System	Revise since the additional ISF vessel is vented to the vapor recovery system. The change is administrative and no emission increases are expected. <i>No modifications are needed under this application. The referenced application will be recommended for cancellation.</i>

Refer to the applicant's submittal for a complete description of each process and the flow diagram.

Based on the most recent communication from Tidelands (e-mail dated 05/08/2013), device id nos. D43 and D44 have been demolished and removed and should be deleted from the FP. The boiler under device id no. D146 should also be deleted since it has been physically removed from the tank farm per applicant (e-mail dated 6/18/2013). Tidelands already requested that the permit to operate (A/N 400836) for the boiler be inactivated.

COMPLIANCE DETERMINATION

Compliance staff conducted the most recent facility inspection at the Tank Farm Z 1-2 on Sept. 27, 2012. There are no records of violation notices issued to Tidelands within the last two years. The equipment list report is included in the evaluation files.

EMISSION CALCULATIONS

The requested changes do not account for any emission increases. The emissions in the previous applications will be entered in the New Source Review (NSR) database for each modification application.

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RULES EVALUATION

RULE 212-STANDARDS FOR APPROVING PERMITS AND ISSUING PUBLIC NOTICES

Rule 212 requires that a person shall not build, erect, install, alter, or replace any equipment, the use of which may cause the issuance of air contaminants or the use of which may eliminate, reduce, or control the issuance of air contaminants without first obtaining written authorization for such construction from the Executive Officer. Rule 212(c) states that a project requires written notification if there is an emission increase for ANY criteria pollutant in excess of the daily maximums specified in Rule 212(g), if the equipment is located within 1,000 feet of the outer boundary of a school and its installation or modification causes an increase in emissions of air contaminants, or an increase in emissions of toxic air contaminants from a new or modified permit unit results in an MICR equal to or greater than one in a million (1×10^{-6}) during a lifetime (70 years) for facilities with more than one permitted unit, source under Regulation XX, or equipment under Regulation XXX, unless the applicant demonstrates to the satisfaction of the Executive Officer that the total facility-wide maximum individual cancer risk is below ten in a million (10×10^{-6}) using the risk assessment procedures and toxic air contaminants specified under Rule 1402; or, ten in a million (10×10^{-6}) during a lifetime (70 years) for facilities with a single permitted unit, source under Regulation XX, or equipment under Regulation XXX.

There are no emission increases of criteria pollutants that are associated with this project. A public notice is not required per sections (c)(1), (c)(2) and (c)(3) of Rule 212.

RULE 401 - VISIBLE EMISSIONS

This rule limits visible emissions to opacity of less than 20 percent (Ringlemann No.1), as published by the United States Bureau of Mines. The proposed installation does not involve changes to combustion equipment at the facility that will impact visible emissions. Continued compliance with this rule is expected.

RULE 402 - NUISANCE

This rule requires that a person not discharge from any source whatsoever such quantities of air contaminants or other material which cause injury, detriment, nuisance, or annoyance to any considerable number of persons or to the public, or which cause, or have a natural tendency to cause injury or damage to business or property. The facility is expected to continue to operate in compliance.

RULE 462 – ORGANIC LIQUID LOADING

This rule is intended to control emissions of volatile organic compounds from facilities that load organic liquids with a vapor pressure of 1.5 psia or greater under actual loading conditions into any tank truck, trailer, or railroad tank car. No tank truck loading operations occur at the facility. The requirements of Rule 462 are not triggered.

RULE 463 – STORAGE OF ORGANIC LIQUIDS

This rule imposes tank roof requirements on oil production sites that produce more than 30 bpd and have storage tanks with a capacity of 472 barrels or greater.

Rule 463(c)(3) - The tanks at the facility that are 472 barrels or greater in capacity are fixed roof and equipped with the required vapor control device. Tidelands operates a vapor recovery system to comply with the requirements of this subsection. The tank covers are vapor tight and closed at all times except during gauging or sampling. The facility is expected to operate in compliance.

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RULE 464 – WASTEWATER SEPARATORS

This rule requires that wastewater separators shall be covered, sealed and closed at all times. The facility is expected to operate in compliance with the requirements of this rule.

RULE 466 – PUMPS AND COMPRESSORS

This rule is applicable to pumps and compressors that handle reactive organic compounds. The facility is subject to Rule 1173 and is exempt from the requirements of this rule per Rule 1173(l)(3).

RULE 466.1 – VALVES AND FLANGES

This rule is applicable to valves and flanges in reactive organic compound service. The facility is subject to Rule 1173 and is exempt from the requirements of this rule per Rule 1173(l)(3).

RULE 467 – PRESSURE RELIEF DEVICES

This rule is applicable to pressure relief devices that handle reactive organic compounds. The facility is subject to Rule 1173 and is exempt from the requirements of this rule per Rule 1173(l)(3).

RULE 1148.1 – OIL AND GAS PRODUCTION WELLS

The purpose of this rule is to reduce emissions of volatile organic compounds from the wellheads, the well cellars and the handling of produced gas at oil and gas production facilities. Tidelands employs an approved vapor recovery system for its oil and gas operations. Therefore, the facility complies with the requirements of section (d)(6). The facility does not maintain any wells or well cellars. They receive the crude oil/gas/water mixture from wells in the Long Beach harbor for separation and treatment. Compliance is expected.

RULE 1173 – CONTROL OF VOLATILE ORGANIC COMPOUND LEAKS AND RELEASES AT PETROLEUM FACILITIES AND CHEMICAL PLANTS

This rule is applicable to components at refineries, chemical plants, oil and gas production fields, natural gas processing plants, and pipeline transfer stations. The requirements of this rule apply to this facility. Tidelands maintains a Rule 1173 Inspection and Monitoring Plan to meet all requirements of this rule. Continued compliance with the inspection and maintenance requirements of sections (e) to (g) is expected from the facility.

RULE 1176 – VOC EMISSIONS FROM WASTEWATER SYSTEMS

This rule applies to wastewater systems and associated control equipment at oil production fields. Requirements include covers on wastewater separators and quarterly monitoring of separators, closed vent systems and drain system components. Tidelands is expected to operate in continued compliance with the requirements of this rule with the modification of the wastewater treatment system referenced above under A/N 534402.

REGULATION XIII – NEW SOURCE REVIEW

Compliance is expected as discussed below:

RULE 1303(a) – Best Available Control Technology (BACT)

The Executive Officer shall deny the Permit to Construct for any new source which results in an emission increase of any non-attainment air contaminant, any ozone depleting compound, or ammonia

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unless the applicant can demonstrate that BACT is employed for the new source. The proposed project does not result in emission increases of any air pollutants. BACT requirements are not triggered.

RULE 1303(b)(1) – MODELING

The proposed modification is not expected to result in any emission increase; therefore, modeling requirements are not applicable.

RULE 1303(b)(2) – OFFSETS

This proposed modification is not expected to result in any emission increase; therefore, offsetting requirements are not applicable to this project.

RULE 1401 – NEW SOURCE REVIEW OF TOXIC AIR CONTAMINANTS

This rule is applicable to applications deemed complete on or after June 1, 1990 and it imposes specific limits for maximum individual cancer risk (MICR), cancer burden, and non-cancer acute and chronic hazard indices from new permit units, relocations, or modifications to existing permit units which emit toxic air contaminants (TAC) listed in Table I of Rule 1401. The rule establishes allowable risks for permit units requiring new permit pursuant to Rules 201 or 203. This project proposal is not expected to result in an increase in TAC emissions; thus, Rule 1401 does not apply to this project.

RULE 1401.1 – REQUIREMENT FOR NEW AND RELOCATED FACILITIES NEAR SCHOOLS

The purpose of this rule is to provide additional health protection to children at schools or schools under construction from new or relocated facilities emitting toxic air contaminants. Tidelands does not qualify as a new facility since it has equipment that have been in operation at this location prior to Nov. 4, 2005. The requirements of this rule do not apply.

REGULATION XVII – PREVENTION OF SIGNIFICANT DETERIORATION (PSD)

Per Rule 1701(b) applicability guidelines, PSD is applicable to attainment air contaminants of CO, NO₂ and SO₂. There are no substantial increases of any of the referenced air contaminants expected from this proposed project; a detailed PSD analysis is not required.

REGULATION XX – REGIONAL CLEAN AIR INCENTIVES MARKET (RECLAIM)

Tidelands is operating under the Regional Clean Air Incentives Market (RECLAIM) program and is complying with all applicable NOx RECLAIM rules. Tidelands is a NOx RECLAIM Cycle 2 facility. It is subject to Reg XX.

The proposed modification project does not impact NOx emissions. A detailed Reg XX rules evaluation is not required.

Rule 2005(c) – Requirements for Existing RECLAIM facilities

This subdivision requires BACT, modeling and proof of sufficient RECLAIM Trading Credits (RTC) for an application for a Facility Permit amendment that results in any increase in NOx and SOx emissions. According to 2005(d), “An increase in emissions occurs if a source’s maximum hourly potential to emit immediately prior to the proposed modification is less than the source’s post-modification maximum hourly potential to emit. There will be no significant increase in the maximum hourly potential to emit NOx or SOx emissions. This subdivision does not apply.

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Rule 2005(g) – Additional Federal Requirements for Major Stationary Sources

This subdivision lists additional requirements for application for a Facility Permit or an Amendment to a Facility Permit for a new, relocated or modified major stationary source, as defined in the Clean Air Act, 42, U.S.C. Section 7511a(e). Section 7511a(e)(2) defines modification as any change at a major stationary source which results in any increase in emissions. The proposed equipment modifications do not significantly increase NOx or SOx emissions; therefore this subdivision does not apply.

Rule 2012 - Requirements for Monitoring, Reporting, and Recordkeeping for Oxides of Nitrogen (NOx) Emissions

There are no significant emission increases in the NOx emissions that result from Tidelands' project proposal. New requirements from this subdivision do not apply.

REGULATION XXX – TITLE V PERMITS

Tidelands is also operating under the federal Title V program. The requirements of this regulation apply to the facility. Tidelands was issued its initial Title V permit on June 1, 2008. Tidelands submitted a Title V permit renewal application on Dec. 18, 2012. Said application is pending permit evaluation and processing.

This project proposal under A/N 534404 involving the referenced modifications is classified as a minor revision to the Title V facility permit per Rule 3000 (b)(15) because there are no significant increases in emissions of any contaminants. Public participation is not required as provided under the exemptions of Rule 3006(b). The modified facility complies with all applicable rules and regulations of the South Coast AQMD. The EPA administrator will be provided with the copy of the permit for a 45-day review as required under Rule 3003(j). The revised Title V permit will be issued to Tidelands after completion of the required EPA review and any necessary follow-up.

RECOMMENDATIONS

Following the conclusion of the 45-day EPA review period and subject to any comments received during this period, it is recommended that the Reclaim/Title V facility permit modification be issued to the facility with the permit conditions set forth above. This application is expected to comply with all applicable District Rules and Regulations.



South Coast Air Quality Management District

Form 400-A**Application Form for Permit or Plan Approval**

List only one piece of equipment or process per form

Mail To:
SCAQMD
P.O. Box 4944
Diamond Bar, CA 91765-0944Tel: (909) 396-3385
www.aqmd.gov**Section A - Operator Information**

1. Facility Name (Business Name of Operator to Appear on the Permit): TIDELANDS OIL PRODUCTION COMPANY	2. Valid AQMD Facility ID (Available On Permit Or Invoice Issued By AQMD): 800325
3. Owner's Business Name (If different from Business Name of Operator):	

Section B - Equipment Location Address

4. Equipment Location Is: ☒ Fixed Location ☐ Various Location
(For equipment operated at various locations, provide address of initial site.)

949 PIER G AVENUE
Street Address
LONG BEACH, CA 90802
City State Zip
BRYAN HARDWICK, HES SPECIALIST
Contact Name Title
(562) 477-2649
Phone # Ext Fax #
E-Mail: BRYAN_HARDWICK@OXY.COM

Section C - Permit Mailing Address

5. Permit and Correspondence Information:
☐ Check here if same as equipment location address

111 WEST OCEAN BOULEVARD, SUITE 800
Address
LONG BEACH, CA 90802
City State Zip
BRYAN HARDWICK, HES SPECIALIST
Contact Name Title
(562) 477-2649
Phone # Ext Fax #
E-Mail: BRYAN_HARDWICK@OXY.COM

Section D - Application Type

6. The Facility Is: ☐ Not In RECLAIM or Title V ☐ In RECLAIM ☐ In Title V ☐ In RECLAIM & Title V Programs

7. Reason for Submitting Application (Select only ONE):

7a. New Equipment or Process Application:

- ☐ New Construction (Permit to Construct)
- ☐ Equipment On-Site But Not Constructed or Operational
- ☐ Equipment Operating Without A Permit *
- ☐ Compliance Plan
- ☐ Registration/Certification
- ☐ Streamlined Standard Permit

7b. Facility Permits:

- ☐ Title V Application or Amendment (Also submit Form 500-A1)
- ☐ RECLAIM Facility Permit Amendment

7c. Equipment or Process with an Existing/Previous Application or Permit:

- ☐ Administrative Change
- ☐ Alteration/Modification
- ☐ Alteration/Modification without Prior Approval *
- ☐ Change of Condition
- ☐ Change of Condition without Prior Approval *
- ☐ Change of Location
- ☐ Change of Location without Prior Approval *
- ☐ Equipment Operating with an Expired/Inactive Permit *

Existing or Previous Permit/Application
If you checked any of the items in 7c, you MUST provide an existing Permit or Application Number:

8a. Estimated Start Date of Construction (mm/dd/yyyy): 8b. Estimated End Date of Construction (mm/dd/yyyy): 8c. Estimated Start Date of Operation (mm/dd/yyyy):

9. Description of Equipment or Reason for Compliance Plan (list applicable rule):
RECLAIM/TITLE V FACILITY PERMIT AMENDMENT

10. For identical equipment, how many additional applications are being submitted with this application?
(Form 400-A required for each equipment / process) 0

11. Are you a Small Business as per AQMD's Rule 102 definition?
(10 employees or less and total gross receipts are \$500,000 or less OR a not-for-profit training center) ☐ No ☒ Yes

12. Has a Notice of Violation (NOV) or a Notice to Comply (NC) been issued for this equipment?
If Yes, provide NOV/NC#: ☐ No ☒ Yes

Section E - Facility Business Information

13. What type of business is being conducted at this equipment location?
OIL & GAS PRODUCTION

14. What is your business primary NAICS Code?
(North American Industrial Classification System) 211111

15. Are there other facilities in the SCAQMD jurisdiction operated by the same operator? ☐ No ☒ Yes

16. Are there any schools (K-12) within 1000 feet of the facility property line? ☐ No ☒ Yes

Section F - Authorization/Signature

I hereby certify that all information contained herein and information submitted with this application are true and correct.

17. Signature of Responsible Official: *[Signature]* 18. Title of Responsible Official: MANAGER OF OPERATIONS 19. I wish to review the permit prior to issuance. (This may cause a delay in the application process.) ☐ No ☒ Yes

20. Print Name: CHARLES PLANT 21. Date: 2/27/12 22. Do you claim confidentiality of data? (If Yes, see instructions.) ☐ No ☒ Yes

23. Check List: ☒ Authorized Signature/Date ☒ Form 400-CEQA ☒ Supplemental Form(s) (i.e., Form 400-E-xx) ☒ Fees Enclosed

534404 AC 5111583 24,749.57 3/13/12 at

(100791)

5/5



South Coast Air Quality Management District

Form 400-CEQA**California Environmental Quality Act (CEQA) Applicability**

Mail To:
SCAQMD
P.O. Box 4944
Diamond Bar, CA 91765-0944
Tel: (909) 396-3385
www.aqmd.gov

The SCAQMD is required by state law, the California Environmental Quality Act (CEQA), to review discretionary permit project applications for potential air quality and other environmental impacts. This form is a screening tool to assist the SCAQMD in clarifying whether or not the project¹ has the potential to generate significant adverse environmental impacts that might require preparation of a CEQA document [CEQA Guidelines §15060(a)]². Refer to the attached instructions for guidance in completing this form.³ For each Form 400-A application, also complete and submit one Form 400-CEQA. If submitting multiple Form 400-A applications for the same project at the same time, only one 400-CEQA form is necessary for the entire project. If you need assistance completing this form, contact Permit Services at (909) 396-3385 or (909) 396-2668.

Section A - Facility Information

1. Facility Name (Business Name of Operator To Appear On The Permit):

TIDELANDS OIL PRODUCTION COMPANY

2. Valid AQMD Facility ID (Available On Permit Or Invoice Issued By AQMD):

800325

3. Project Description:

SEVERAL MODIFICATIONS TO RECLAIM/TITLE V FACILITY PERMIT TO OPERATE. NONE OF THESE MODIFICATIONS RESULT IN AN INCREASE IN EMISSIONS FROM THE FACILITY.

Section B - Review For Exemption From Further CEQA Action

Check "Yes" or "No" as applicable

	Yes	No	Is this application for:
1.	<input type="radio"/>	<input checked="" type="radio"/>	A CEQA and/or NEPA document previously or currently prepared that specifically evaluates this project? If yes, attach a copy of the signed Notice of Determination to this form.
2.	<input type="radio"/>	<input checked="" type="radio"/>	A request for a change of permittee only (without equipment modifications)?
3.	<input type="radio"/>	<input checked="" type="radio"/>	A functionally identical permit unit replacement with no increase in rating or emissions?
4.	<input type="radio"/>	<input checked="" type="radio"/>	A change of daily VOC permit limit to a monthly VOC permit limit?
5.	<input type="radio"/>	<input checked="" type="radio"/>	Equipment damaged as a result of a disaster during state of emergency?
6.	<input type="radio"/>	<input checked="" type="radio"/>	A Title V (i.e., Regulation XXX) permit renewal (without equipment modifications)?
7.	<input type="radio"/>	<input checked="" type="radio"/>	A Title V administrative permit revision?
8.	<input type="radio"/>	<input checked="" type="radio"/>	The conversion of an existing permit into an initial Title V permit?

If "Yes" is checked for any question in Section B, your application does not require additional evaluation for CEQA applicability. Skip to Section D - Signatures on page 2 and sign and date this form.

Section C - Review of Impacts Which May Trigger CEQA

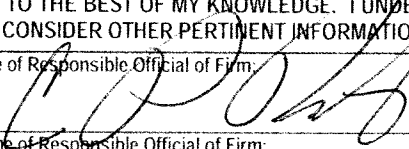
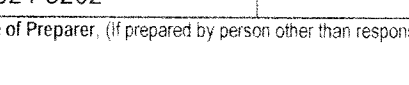
Complete Parts I-VI by checking "Yes" or "No" as applicable. To avoid delays in processing your application(s), explain all "Yes" responses on a separate sheet and attach it to this form.

	Yes	No	Part I - General
1.	<input type="radio"/>	<input checked="" type="radio"/>	Has this project generated any known public controversy regarding potential adverse impacts that may be generated by the project? Controversy may be construed as concerns raised by local groups at public meetings; adverse media attention such as negative articles in newspapers or other periodical publications, local news programs, environmental justice issues, etc.
2.	<input type="radio"/>	<input checked="" type="radio"/>	Is this project part of a larger project? If yes, attach a separate sheet to briefly describe the larger project.
Part II - Air Quality			
3.	<input type="radio"/>	<input checked="" type="radio"/>	Will there be any demolition, excavating, and/or grading construction activities that encompass an area exceeding 20,000 square feet?
4.	<input type="radio"/>	<input checked="" type="radio"/>	Does this project include the open outdoor storage of dry bulk solid materials that could generate dust? If Yes, include a plot plan with the application package.

¹ A "project" means the whole of an action which has a potential for resulting in physical change to the environment, including construction activities, clearing or grading of land, improvements to existing structures, and activities or equipment involving the issuance of a permit. For example, a project might include installation of a new, or modification of an existing internal combustion engine, dry-cleaning facility, boiler, gas turbine, spray coating booth, solvent cleaning tank, etc.

² To download the CEQA guidelines, visit http://oeres.ca.gov/env_law/state.html.

³ To download this form and the instructions, visit <http://www.aqmd.gov/ceqa> or <http://www.aqmd.gov/permit>

Section C - Review of Impacts Which May Trigger CEQA (cont.)			
	Yes	No	Part II - Air Quality (cont.)
5.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Would this project result in noticeable off-site odors from activities that may not be subject to SCAQMD permit requirements? For example, compost materials or other types of greenwaste (i.e., lawn clippings, tree trimmings, etc.) have the potential to generate odor complaints subject to Rule 402 - Nuisance.
6.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Does this project cause an increase of emissions from marine vessels, trains and/or airplanes?
7.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Will the proposed project increase the QUANTITY of hazardous materials stored aboveground onsite or transported by mobile vehicle to or from the site by greater than or equal to the amounts associated with each compound on the attached Table 1? ⁴
Part III - Water Resources			
8.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Will the project increase demand for water at the facility by more than 5,000,000 gallons per day? The following examples identify some, but not all, types of projects that may result in a "yes" answer to this question: 1) projects that generate steam; 2) projects that use water as part of the air pollution control equipment; 3) projects that require water as part of the production process; 4) projects that require new or expansion of existing sewage treatment facilities; 5) projects where water demand exceeds the capacity of the local water purveyor to supply sufficient water for the project; and 6) projects that require new or expansion of existing water supply facilities.
9.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Will the project require construction of new water conveyance infrastructure? Examples of such projects are when water demands exceed the capacity of the local water purveyor to supply sufficient water for the project, or require new or modified sewage treatment facilities such that the project requires new water lines, sewage lines, sewage hook-ups, etc.
Part IV - Transportation/Circulation			
10.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Will the project result in (Check all that apply):
	<input type="checkbox"/>	<input checked="" type="checkbox"/>	a. the need for more than 350 new employees?
	<input type="checkbox"/>	<input checked="" type="checkbox"/>	b. an increase in heavy-duty transport truck traffic to and/or from the facility by more than 350 truck round-trips per day?
	<input type="checkbox"/>	<input checked="" type="checkbox"/>	c. increase customer traffic by more than 700 visits per day?
Part V - Noise			
11.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Will the project include equipment that will generate noise GREATER THAN 90 decibels (dB) at the property line?
Part VI - Public Services			
12.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Will the project create a permanent need for new or additional public services in any of the following areas (Check all that apply):
	<input type="checkbox"/>	<input checked="" type="checkbox"/>	a. Solid waste disposal? Check "No" if the projected potential amount of wastes generated by the project is less than five tons per day.
	<input type="checkbox"/>	<input checked="" type="checkbox"/>	b. Hazardous waste disposal? Check "No" if the projected potential amount of hazardous wastes generated by the project is less than 42 cubic yards per day (or equivalent in pounds).
REMINDER: For each "Yes" response in Section C, attach all pertinent information including but not limited to estimated quantities, volumes, weights, etc.			
Section D - Signatures			
I HEREBY CERTIFY THAT ALL INFORMATION CONTAINED HEREIN AND INFORMATION SUBMITTED WITH THIS APPLICATION IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE. I UNDERSTAND THAT THIS FORM IS A SCREENING TOOL AND THAT THE SCAQMD RESERVES THE RIGHT TO CONSIDER OTHER PERTINENT INFORMATION IN DETERMINING CEQA APPLICABILITY.			
1. Signature of Responsible Official of Firm:		2. Title of Responsible Official of Firm:	
		MANAGER OF OPERATIONS	
3. Print Name of Responsible Official of Firm:		4. Date Signed:	
CHARLES PLANT		2/27/12	
5. Phone # of Responsible Official of Firm:	6. Fax # of Responsible Official of Firm:	7. Email of Responsible Official of Firm:	
(562) 624-3202		CHARLES_PLANT@OXY.COM	
8. Signature of Preparer, (if prepared by person other than responsible official of firm):		9. Title of Preparer:	
		YORKE ENGINEERING, LLC	
10. Print Name of Preparer:		11. Date Signed:	
JAMES J ADAMS		12/21/2011	
12. Phone # of Preparer:	13. Fax # of Preparer:	14. Email of Preparer:	
(949) 248-8490	(949) 248-8499	JADAMS@YORKEENGR.COM	

THIS CONCLUDES FORM 400-CEQA. INCLUDE THIS FORM AND ANY ATTACHMENTS WITH FORM 400-A.

⁴ Table 1 - Regulated Substances List and Threshold Quantities for Accidental Release Prevention can be found in the Instructions for Form 400-CEQA



South Coast Air Quality Management District

Form 500-A1**Title V Permit Application Supplemental**Mail To:
SCAQMD
P.O. Box 4944
Diamond Bar, CA 91765-0944Tel: (909) 396-3385
www.aqmd.gov**Section I - Operator Information****1. Facility Name** (Business Name of Operator That Appears On Permit):

TIDELANDS OIL PRODUCTION COMPANY

2. Valid AQMD Facility ID (Available On Permit Or Invoice
Issued By AQMD):

800325

3. Facility Is Located In Title V Area:

- ☒ 1 All other zip codes not listed below
- ☐ 2
- | | | | | | | | | | | | | |
|-------|-------|-------|-------|-------|-------|-------|-------|--------|-------|-------|-------|-------|
| 92201 | 92202 | 92203 | 92210 | 92211 | 92234 | 92235 | 92236 | 92239* | 92240 | 92241 | 92247 | 92248 |
| 92253 | 92254 | 92255 | 92258 | 92260 | 92261 | 92262 | 92263 | 92264 | 92270 | 92274 | 92275 | 92276 |
| 92282 | 92292 | 92561 | | | | | | | | | | |
- ☐ 3 92239*

* If your zip code is 92239, please call (909) 396-3385 to verify your Title V area.

Section II - Title V Application**1. This is an application for a(n)** (Check all applicable boxes and provide the requested information as appropriate):

- a. ☐ Initial Title V Permit
- b. ☐ Permit Renewal: (Provide current permit expiration date) _____
- c. ☐ Administrative Change (check all that apply)
- ☐ Change of Operator. (Complete and attach equipment-specific Form 400-E-XX series forms)
- ☐ Change of Facility Information
- ☐ Other, Please specify: _____
- d. ☒ Title V Permit Revision
- e. ☐ Title V Exemption Plan
- f. ☐ MACT Part 1
- g. ☐ Permit Shield

Complete and attach equipment specific Form 400-E-XX series form(s) to this form if your application involves permit action for new construction, change of location, non-administrative permit revision, alternative operating scenario (AOS), permit shield, streamlined permit conditions, or temporary source permit.

2. Is this facility required to prepare a Risk Management Plan (RMP) for another agency? Yes ☐ No ☐**Section III - Title V Submittal Checklist****1. Enter the quantity of each type form submitted in the space provided:**

<u>5</u> 400-A (REQUIRED)	<u>1</u> 500-C1 (REQUIRED)	500-F1	500-H (REQUIRED)
<u>1</u> 400-CEQA (REQUIRED)	<u>1</u> 500-C2	500-F2	500-MACT PART 1
<u>1</u> 500-A2 (REQUIRED)	500-D	500-F3	<u>2</u> OTHER (SPECIFY) <u>500-N</u>
500-B (REQUIRED)	500-E	500-F4	

2. Additional information referenced in this application submitted:



South Coast Air Quality Management District

Form 500-A2**Title V Application Certification**

Mail To:
SCAQMD
P.O. Box 4944
Diamond Bar, CA 91765-0944
Tel: (909) 396-3365
www.aqmd.gov

Section I - Operator Information

1. Facility Name (Business Name of Operator That Appears On Permit):

TIDELANDS OIL PRODUCTION COMPANY

2. Valid AQMD Facility ID (Available On Permit Or Invoice
Issued By AQMD):

800325

3. This Certification is

submitted with a (Check one)

- a. ☒ Title V Application (Initial, Revision or Renewal)
b. ☐ Supplement/Correction to a Title V Application
c. ☐ MACT Part 1

4. Is Form 500-C2 included with this Certification? ☒ Yes ☐ No**Section II - Responsible Official Certification Statement**

Read each statement carefully and check each that applies - You must check 3a or 3b.

1. For Initial, Permit Renewal, and Administrative Application Certifications:

- a. ☐ The facility, including equipment that are exempt from written permit per Rule 219, is currently operating and will continue to operate in compliance with all applicable requirement(s) identified in Section II and Section III of Form 500-C1.
i. ☐ except for those requirements that do not specifically pertain to such devices or equipment and that have been identified as "Remove" on Section III of Form 500-C1.
ii. ☐ except for those devices or equipment that have been identified on the completed and attached Form 500-C2 that will not be operating in compliance with the specified applicable requirement(s).
b. ☐ The facility, including equipment that are exempt from written permit per Rule 219, will meet in a timely manner, all applicable requirements with future effective dates.

2. For Permit Revision Application Certifications:

- a. ☒ The equipment or devices to which this permit revision applies, will in a timely manner comply with all applicable requirements identified in Section II and Section III of Form 500-C1.

3. For MACT Hammer Certifications:

- a. ☐ The facility is subject to Section 112(j) of the Clean Air Act (Subpart B of 40 CFR part 63), also known as the MACT "hammer." The following information is submitted with a Title V application to comply with the Part 1 requirements of Section 112(j).
b. ☐ The facility is not subject to Section 112(j) of the Clean Air Act (Subpart B of 40 CFR part 63).

Section III - Authorization/Signature

I certify under penalty of law that I am the responsible official for this facility as defined in AQMD Regulation XXX and that based on information and belief formed after reasonable inquiry, the statement and information in this document and in all attached application forms and other materials are true, accurate, and complete.

1. Signature of Responsible Official:

2. Title of Responsible Official:

MANAGER OF OPERATIONS

3. Print Name:

CHARLES PLANT

4. Date:

2/27/12

5. Phone #:

(562) 624-2101

6. Fax #:

7. Address of Responsible Official:

111 WEST OCEAN BLVD., SUITE 800

LONG BEACH

CA

90802

Street #

City

State

Zip

Acid Rain Facilities Only: Please Complete Section IV

Acid Rain facilities must certify their compliance status of the devices subject to applicable requirements under Title IV by an individual who meets the definition of Designated (or Alternate) Representative in 40 CFR Part 72.

Section IV - Designated Representative Certification Statement

For Acid Rain Facilities Only: I am authorized to make this submission on behalf of the owners and operators of the affected source or affected units for which the submission is made. I certify under penalty of law that I have personally examined, and am familiar with, the statements and information submitted in this document and all its attachments. Based on my inquiry of those individuals with primary responsibility for obtaining the information, I certify that the statements and information are to the best of my knowledge and belief true, accurate, and complete. I am aware that there are significant penalties for submitting false statements and information or omitting required statements and information, including the possibility of fine or imprisonment.

1. Signature of Designated Representative or Alternate:

2. Title of Designated Representative or Alternate:

3. Print Name of Designated Representative or Alternate:

4. Date:

5. Phone #:

6. Fax #:

7. Address of Designated Representative or Alternate:

CA

Street #

City

State

Zip



South Coast Air Quality Management District

Form 500-C1

Title V Compliance Status Report

To provide the compliance status of your facility with applicable federally enforceable requirements and identify other local-only requirements, complete this form and attach it to a completed compliance certification Form 500-A2. As appropriate, all submittals of Form 500-C2 as appropriate should also be attached to this form.

Mail To
SCAQMD
P.O. Box 4944
Diamond Bar, CA 91765-0944
Tel: (909) 396-3385
www.aqmd.gov

Section I - Operator Information

1. Facility Name (Business Name of Operator That Appears On Permit):

TIDELANDS OIL PRODUCTION COMPANY

2. Valid AQMD Facility ID (Available On Permit Or Invoice

Issued By AQMD):

800325

PROCEDURES FOR DETERMINING COMPLIANCE STATUS

- Equipment verification:** Review the list of pending applications, and either the preliminary Title V facility permit or the list of current permits to operate that the AQMD provided you, to determine if they completely and accurately describe all equipment operating at the facility. Attach a statement to describe any discrepancies.
- Identify applicable requirements*:** Use the checklist in Section II to identify all applicable and federally-enforceable local, state, and federal rules and regulations, test methods, and monitoring, recordkeeping and reporting (MRR) requirements that apply to any equipment or process (including equipment exempt from a permit by Rule 219) at your facility. The potential applicable requirements, test methods and MRR requirements are identified and listed adjacent to each given equipment/process description. Check off each box adjacent to the corresponding requirement as it applies to your particular equipment/process.
Note: Even if there is only one piece of equipment that is subject to a particular requirement, the appropriate box should be checked.
- Identify additional applicable requirements*:** Use Section III to identify any additional requirements not found in Section II. Section II is not a complete list of all applicable requirements. It does not include recently adopted NESHAP regulations by EPA or recent amendments to AQMD rules. Do not add rules listed in Section V here.
- Identify any requirements that do not apply to a specific piece of equipment or process:** Also use Section III to identify any requirements that are listed in Section II but that do not apply to a specific piece of equipment or process. Fill out Section III of this form and attach a separate sheet to explain the reason(s) why the identified rules do not apply. Note: Listing any requirement that does not apply to a specific piece of equipment will not provide the facility with a permit shield unless one is specifically requested by completing Form 500-D and is approved by AQMD.
- Identify SIP-approved rules that are not current AQMD rules:** Use Section IV to identify older versions of current AQMD rules that are the EPA-approved versions in the State Implementation Plan (SIP), and that are still applicable requirements as defined by EPA. The facility is not required to certify compliance with the items checked in Section IV provided that the non-SIP approved rule in Section II is at least as stringent as the older SIP-approved version in Section IV. **
- Identify Local-Only Enforceable Regulatory Requirements:** Use Section V to identify AQMD rules that are not SIP-approved and are not federally enforceable.
- Determine compliance:** Determine if all equipment and processes are complying with all requirements identified in Sections II and III. If each piece of equipment complies with all applicable requirements, complete and attach Form 500-A2 to certify the compliance status of the facility. If any piece of equipment is not in compliance with any of the applicable requirements, complete and attach Form 500-C2 in addition to Form 500-A2.

* The following AQMD rules and regulations are not required to be included in Section II and do not have to be added to Section III: Regulation I, List and Criteria in Regulation II, Rule 201, Rule 201.1, Rule 202, Rule 203, Rule 205, Rule 206, Rule 207, Rule 208, Rule 209, Rule 210, Rule 212, Rule 214, Rule 215, Rule 216, Rule 217, Rule 219, Rule 220, Rule 221, Regulation III, Regulation V, Regulation VIII, Regulation XII, Regulation XIV, Regulation XV, Regulation XVI, Regulation XIX, Regulation XXI, Regulation XXII, and Regulation XXX.

** Emission units adversely affected by the gap between current and SIP-approved versions of rules may initially be placed in a non-Title V portion of the permit

Section II - Applicable Requirements, Test Method, MRR Requirements			
Equipment/Process	Applicable Requirement	Test Method	MRR Requirement
<input checked="" type="checkbox"/> All Air Pollution Control Equipment Using Combustion (RECLAIM & non-RECLAIM sources)	<input checked="" type="checkbox"/> Rule 480 (10/07/77)	N/A	N/A
<input type="checkbox"/> All Coating Operations (12/15/00)	<input type="checkbox"/> Rule 442	<input type="checkbox"/> Rule 442(f)	<input type="checkbox"/> Rule 442(g)
<input type="checkbox"/> All Combustion Equipment, ≥ 555 Mmbtu/Hr (except for NOx RECLAIM sources)	<input type="checkbox"/> Rule 474 (12/04/81)	<input type="checkbox"/> AQMD TM 7.1 or 100.1	
<input checked="" type="checkbox"/> All Combustion Equipment Except Internal Combustion Engines (RECLAIM & non-RECLAIM sources)	<input checked="" type="checkbox"/> Rule 407 (04/02/82) <input checked="" type="checkbox"/> Rule 409 (08/07/81)	<input type="checkbox"/> AQMD TM 100.1 or 10.1, 307.91 <input type="checkbox"/> AQMD TM 5.1, 5.2, or 5.3	
<input checked="" type="checkbox"/> All Combustion Equipment Using Gaseous Fuel (except SOx RECLAIM sources)	<input checked="" type="checkbox"/> Rule 431.1 (06/12/98)	<input checked="" type="checkbox"/> Rule 431.1(f)	<input checked="" type="checkbox"/> Rule 431.1(d) & (e)
<input type="checkbox"/> All Combustion Equipment Using Liquid Fuel (except SOx RECLAIM sources)	<input type="checkbox"/> Rule 431.2 (09/15/00)	<input type="checkbox"/> Rule 431.2(g)	<input type="checkbox"/> Rule 431.2(f)
<input type="checkbox"/> All Combustion Equipment Using Fossil Fuel (except SOx RECLAIM sources)	<input type="checkbox"/> Rule 431.3 (05/07/76)		
<input checked="" type="checkbox"/> All Equipment	<input checked="" type="checkbox"/> Rule 401 (11/09/01) <input type="checkbox"/> Rule 405 (02/07/86) <input checked="" type="checkbox"/> Rule 408 (05/07/76) <input checked="" type="checkbox"/> Rule 430 (07/12/96) <input checked="" type="checkbox"/> Rule 701 (06/13/97) <input checked="" type="checkbox"/> New Source Review, BACT <input type="checkbox"/> Rule 1703 (10/07/88) <input type="checkbox"/> 40 CFR68 - Accidental Release Prevention	<input type="checkbox"/> California Air Resources Board Visible Emission Evaluation <input checked="" type="checkbox"/> AQMD TM 5.1, 5.2, or 5.3 N/A	<input checked="" type="checkbox"/> Rule 430(b)
<input type="checkbox"/> All Equipment Processing Solid Materials	<input type="checkbox"/> Rule 403 (06/03/05)	See Applicable Subpart	See Applicable Subpart
<input checked="" type="checkbox"/> All Equipment With Exhaust Stack (except cement kilns subject to Rule 1112.1)	<input checked="" type="checkbox"/> Rule 404 (02/07/86)	<input type="checkbox"/> Rule 403(d)(3) <input checked="" type="checkbox"/> AQMD TM 5.1, 5.2, or 5.3	<input type="checkbox"/> Rule 403(f)
<input checked="" type="checkbox"/> All Facilities Using Solvents to Clean Various Items or Equipment	<input checked="" type="checkbox"/> Rule 109 (05/02/03) <input checked="" type="checkbox"/> Rule 1171 (05/01/09) <input type="checkbox"/> 40 CFR63 SUBPART T	<input checked="" type="checkbox"/> Rule 109(g) <input checked="" type="checkbox"/> Rule 1171(e) See Applicable Subpart	<input type="checkbox"/> Rule 109(c) <input type="checkbox"/> Rule 1171(c)(6) See Applicable Subpart
<input checked="" type="checkbox"/> All RECLAIM Equipment (NOx & SOx)	<input checked="" type="checkbox"/> Reg. XX - RECLAIM	<input type="checkbox"/> Rule 2011, App. A (05/06/05) <input checked="" type="checkbox"/> Rule 2012, App. A (05/06/05)	<input type="checkbox"/> Rule 2011, App. A (05/06/05) <input checked="" type="checkbox"/> Rule 2012, App. A (05/06/05)
<input type="checkbox"/> Abrasive Blasting	<input type="checkbox"/> Rule 1140 (08/02/85)	<input type="checkbox"/> Rule 1140(d) & (e), AQMD Visible Emission Method	

KEY ABBREVIATIONS:	Reg. = AQMD Regulation Rule = AQMD Rule	App. = Appendix AQMD TM = AQMD Test Method	CFR = Code of Federal Regulations CCR = California Code of Regulations
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Section II - Applicable Requirements, Test Method, MRR Requirements			
Equipment/Process	Applicable Requirement	Test Method	MRR Requirement
<input type="checkbox"/> Aggregate and Related Operations	<input type="checkbox"/> Rule 1157 (09/08/06)	<input type="checkbox"/> Rule 1157(f)	<input type="checkbox"/> Rule 1157(e)
<input type="checkbox"/> Appliances Containing Ozone Depleting Substances (except Motor Vehicle Air Conditioners) Manufacturing, Repair, Maintenance Service, & Disposal	<input type="checkbox"/> 40 CFR82 SUBPART F	See Applicable Subpart	See Applicable Subpart
<input type="checkbox"/> Asphalt	See Manufacturing, Asphalt Processing & Asphalt Roofing		
<input type="checkbox"/> Asphalt Concrete/Batch Plants	<input type="checkbox"/> 40 CFR60 SUBPART I	See Applicable Subpart	See Applicable Subpart
<input type="checkbox"/> Benzene Emissions, Maleic Anhydride Plants, Ethylbenzene/Styrene Plants, Benzene Storage Vessels, Benzene Equipment Leaks, & Coke By-Product Recovery Plants	<input type="checkbox"/> Rule 1173 (02/06/09) <input type="checkbox"/> Rule 1176 (09/13/96) <input type="checkbox"/> 40 CFR61 SUBPART L <input type="checkbox"/> 40 CFR61 SUBPART Y <input type="checkbox"/> 40 CFR63 SUBPART R <input type="checkbox"/> 40 CFR63 SUBPART CC	<input type="checkbox"/> Rule 1173(j) <input type="checkbox"/> Rule 1176(h) See Applicable Subpart See Applicable Subpart See Applicable Subpart See Applicable Subpart	<input type="checkbox"/> Rule 1173(i) <input type="checkbox"/> Rule 1176(f) & (g) See Applicable Subpart See Applicable Subpart See Applicable Subpart See Applicable Subpart
<input type="checkbox"/> Benzene Transfer Operations	<input type="checkbox"/> Rule 1142 (07/19/91) <input type="checkbox"/> 40 CFR61 SUBPART BB <input type="checkbox"/> 40 CFR63 SUBPART Y	<input type="checkbox"/> Rule 1142(e) See Applicable Subpart See Applicable Subpart	<input type="checkbox"/> Rule 1142(h) See Applicable Subpart See Applicable Subpart
<input type="checkbox"/> Benzene Waste Operations	<input type="checkbox"/> Rule 1176 (09/13/96) <input type="checkbox"/> 40 CFR61 SUBPART FF <input type="checkbox"/> 40 CFR63 SUBPART CC	<input type="checkbox"/> Rule 1176(h) See Applicable Subpart See Applicable Subpart	<input type="checkbox"/> Rule 1176(f) & (g) See Applicable Subpart See Applicable Subpart
<input type="checkbox"/> Beryllium Emissions	<input type="checkbox"/> 40 CFR61 SUBPART C	See Applicable Subpart	See Applicable Subpart
<input type="checkbox"/> Beryllium Emissions, Rocket Motor Firing	<input type="checkbox"/> 40 CFR61 SUBPART D	See Applicable Subpart	See Applicable Subpart
<input type="checkbox"/> Boiler, < 5 Mmbtu/Hr (non-RECLAIM sources)	<input type="checkbox"/> Rule 1146.1 (09/05/08) <input type="checkbox"/> Rule 1146.2 (05/05/06) <input type="checkbox"/> 40 CFR63 SUBPART DDDDD	<input type="checkbox"/> Rule 1146.1(d) N/A See Applicable Subpart	<input type="checkbox"/> Rule 1146.1(c)(2) & (c)(3) N/A See Applicable Subpart
<input checked="" type="checkbox"/> Boiler, < 5 Mmbtu/Hr (RECLAIM sources)	<input type="checkbox"/> Rule 1146.1 (09/05/08) - excluding NOx requirements <input type="checkbox"/> 40 CFR63 SUBPART DDDDD	<input type="checkbox"/> Rule 1146.1(d) See Applicable Subpart	<input type="checkbox"/> Rule 1146.1(c)(2) & (c)(3) See Applicable Subpart

KEY ABBREVIATIONS:	Reg = AQMD Regulation Rule = AQMD Rule	App = Appendix AQMD TM = AQMD Test Method	CFR = Code of Federal Regulations CCR = California Code of Regulations
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Section II - Applicable Requirements, Test Method: MRR Requirements			
Equipment/Process	Applicable Requirement	Test Method	MRR Requirement
<input type="checkbox"/> Boiler, ≥ 5 Mmbtu/Hr (non-RECLAIM sources)	<input type="checkbox"/> Rule 218 (05/14/99)	<input type="checkbox"/> AQMD TM 100.1	<input type="checkbox"/> Rule 218(e) & (f)
	<input type="checkbox"/> Rule 429 (12/21/90)	N/A	<input type="checkbox"/> Rule 429(d)
	<input type="checkbox"/> Rule 475 (08/07/78)	<input type="checkbox"/> AQMD TM 5.1, 5.2, or 5.3	
	<input type="checkbox"/> Rule 476 (10/08/76)	<input type="checkbox"/> AQMD TM 7.1, 100.1, 5.1, 5.2, or 5.3	
	<input type="checkbox"/> Rule 1146 (09/05/08)	<input type="checkbox"/> Rule 1146(d)	<input type="checkbox"/> Rule 1146(c)(6) & (c)(7)
	<input type="checkbox"/> 40 CFR60 SUBPART D	See Applicable Subpart	See Applicable Subpart
	<input type="checkbox"/> 40 CFR60 SUBPART Da	See Applicable Subpart	See Applicable Subpart
	<input type="checkbox"/> 40 CFR60 SUBPART Dc	See Applicable Subpart	See Applicable Subpart
<input checked="" type="checkbox"/> Boiler, ≥ 5 Mmbtu/Hr (RECLAIM sources)	<input type="checkbox"/> 40 CFR63 SUBPART DDDDD	See Applicable Subpart	See Applicable Subpart
	<input type="checkbox"/> Rule 475 (08/07/78)	<input checked="" type="checkbox"/> AQMD TM 5.1, 5.2, or 5.3	
	<input checked="" type="checkbox"/> Rule 476 (10/08/76) - excluding NOx requirements	<input checked="" type="checkbox"/> AQMD TM 7.1, 100.1, 5.1, 5.2, or 5.3	
	<input checked="" type="checkbox"/> Rule 1146 (09/05/08) - excluding NOx requirements	<input checked="" type="checkbox"/> Rule 1146(d)	<input checked="" type="checkbox"/> Rule 1146(c)(6) & (c)(7)
	<input type="checkbox"/> Rule 2011 (05/06/05)	<input type="checkbox"/> Rule 2011, App. A (05/06/05)	<input type="checkbox"/> Rule 2011, App. A (05/06/05)
	<input checked="" type="checkbox"/> or Rule 2012 (05/06/05)	<input checked="" type="checkbox"/> or Rule 2012, App. A (05/06/05)	<input checked="" type="checkbox"/> or Rule 2012, App. A (05/06/05)
	<input type="checkbox"/> 40 CFR60 SUBPART D	See Applicable Subpart	See Applicable Subpart
	<input type="checkbox"/> 40 CFR60 SUBPART Da	See Applicable Subpart	See Applicable Subpart
<input type="checkbox"/> Boiler, Petroleum Refining (non-RECLAIM sources)	<input type="checkbox"/> 40 CFR60 SUBPART Dc	See Applicable Subpart	See Applicable Subpart
	<input type="checkbox"/> 40 CFR63 SUBPART DDDDD	See Applicable Subpart	See Applicable Subpart
	<input type="checkbox"/> Rule 218 (05/14/99)	<input type="checkbox"/> AQMD TM 100.1	<input type="checkbox"/> Rule 218(e) & (f)
	<input type="checkbox"/> Rule 429 (12/21/90)	N/A	<input type="checkbox"/> Rule 429(d)
	<input type="checkbox"/> Rule 431.1 (06/12/98)	<input type="checkbox"/> Rule 431.1(f)	<input type="checkbox"/> Rule 431.1(d) & (e)
	<input type="checkbox"/> Rule 475 (08/07/78)	<input type="checkbox"/> AQMD TM 5.1, 5.2, or 5.3	
	<input type="checkbox"/> Rule 1146 (09/05/08)	<input type="checkbox"/> Rule 1146(d)	<input type="checkbox"/> Rule 1146(c)(6) & (c)(7)
	<input type="checkbox"/> 40 CFR60 SUBPART J	See Applicable Subpart	See Applicable Subpart
	<input type="checkbox"/> 40 CFR63 SUBPART DDDDD	See Applicable Subpart	See Applicable Subpart

KEY ABBREVIATIONS:	Reg. = AQMD Regulation Rule = AQMD Rule	App = Appendix AQMD TM = AQMD Test Method	CFR = Code of Federal Regulations CCR = California Code of Regulations
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Section II - Applicable Requirements, Test Method, MRR Requirements				
Equipment/Process	Applicable Requirement	Test Method	MRR Requirement	
<input type="checkbox"/> Boiler, Petroleum Refining (RECLAIM sources)	<input type="checkbox"/> Rule 1145 (09/05/08) - excluding NOX requirements	<input type="checkbox"/> Rule 1146(d)	<input type="checkbox"/> Rule 1146(c)(6) & (c)(7)	
	<input type="checkbox"/> Rule 2011 (05/06/05)	<input type="checkbox"/> Rule 2011, App. A (05/06/05)	<input type="checkbox"/> Rule 2011, App. A (05/06/05)	
	<input type="checkbox"/> or	<input type="checkbox"/> Rule 2012, App. A (05/06/05)	<input type="checkbox"/> or	
	<input type="checkbox"/> Rule 2012 (05/06/05)	<input type="checkbox"/> See Applicable Subpart	<input type="checkbox"/> Rule 2012, App. A (05/06/05)	
	<input type="checkbox"/> 40 CFR60 SUBPART J	<input type="checkbox"/> See Applicable Subpart	<input type="checkbox"/> See Applicable Subpart	
<input type="checkbox"/> Boilers, Electric Utility (non-RECLAIM sources)	<input type="checkbox"/> 40 CFR63 SUBPART DDDDD	<input type="checkbox"/> See Applicable Subpart	<input type="checkbox"/> See Applicable Subpart	
	<input type="checkbox"/> Rule 218 (05/14/99)	<input type="checkbox"/> AQMD TM 100 1	<input type="checkbox"/> Rule 218(e) & (f)	
	<input type="checkbox"/> Rule 429 (12/21/90)	<input type="checkbox"/> N/A	<input type="checkbox"/> Rule 429(d)	
	<input type="checkbox"/> Rule 1135 (07/19/91)	<input type="checkbox"/> Rule 1135(e)	<input type="checkbox"/> Rule 1135(e)	
	<input type="checkbox"/> 40 CFR60 SUBPART Db	<input type="checkbox"/> See Applicable Subpart	<input type="checkbox"/> See Applicable Subpart	
<input type="checkbox"/> Boilers, Electric Utility (RECLAIM sources)	<input type="checkbox"/> 40 CFR63 SUBPART DDDDD	<input type="checkbox"/> See Applicable Subpart	<input type="checkbox"/> See Applicable Subpart	
	<input type="checkbox"/> Rule 2012 (05/06/05)	<input type="checkbox"/> Rule 2012, App. A (05/06/05)	<input type="checkbox"/> Rule 2012, App. A (05/06/05)	
	<input type="checkbox"/> 40 CFR60 SUBPART Db	<input type="checkbox"/> See Applicable Subpart	<input type="checkbox"/> See Applicable Subpart	
	<input type="checkbox"/> 40 CFR63 SUBPART DDDDD	<input type="checkbox"/> See Applicable Subpart	<input type="checkbox"/> See Applicable Subpart	
	<input type="checkbox"/> Rule 462 (05/14/99)	<input type="checkbox"/> Rule 462(f)	<input type="checkbox"/> Rule 462(g)	
<input type="checkbox"/> Bulk Loading Of Organic Liquids	<input type="checkbox"/> 40 CFR60 SUBPART XX	<input type="checkbox"/> See Applicable Subpart	<input type="checkbox"/> See Applicable Subpart	
	<input type="checkbox"/> 40 CFR63 SUBPART R	<input type="checkbox"/> See Applicable Subpart	<input type="checkbox"/> See Applicable Subpart	
	<input type="checkbox"/> 40 CFR63 SUBPART BBBBBB	<input type="checkbox"/> See Applicable Subpart	<input type="checkbox"/> See Applicable Subpart	
	<input type="checkbox"/> 40 CFR63 SUBPART EEEE	<input type="checkbox"/> See Applicable Subpart	<input type="checkbox"/> See Applicable Subpart	
	<input type="checkbox"/> Rule 1426 (05/02/03)	<input type="checkbox"/> See Applicable Subpart	<input type="checkbox"/> Rule 1426(e)	
<input type="checkbox"/> Cadmium Electroplating Operation	<input type="checkbox"/> 40 CFR60 SUBPART UUU	<input type="checkbox"/> See Applicable Subpart	<input type="checkbox"/> See Applicable Subpart	
	<input type="checkbox"/> Rule 477 (04/03/81)	<input type="checkbox"/> AQMD Visible Emissions, AQMD TM 5.1, 5.2, or 5.3	<input type="checkbox"/> See Applicable Subpart	
	<input type="checkbox"/> Rule 1119 (03/02/79)	<input type="checkbox"/> AQMD TM 6.1 or 100 1	<input type="checkbox"/> See Applicable Subpart	
	<input type="checkbox"/> 40 CFR63 SUBPART L	<input type="checkbox"/> See Applicable Subpart	<input type="checkbox"/> See Applicable Subpart	
	<input type="checkbox"/> Rule 1174 (10/05/90)	<input type="checkbox"/> AQMD Test Protocol	<input type="checkbox"/> Rule 1138(d)	
<input type="checkbox"/> Charbroilers	<input type="checkbox"/> Rule 1138 (11/14/97)	<input type="checkbox"/> Rule 1138(g)	<input type="checkbox"/> Rule 1426(e)	
	<input type="checkbox"/> Rule 1426 (05/02/03)	<input type="checkbox"/> Rule 1469(e)	<input type="checkbox"/> Rule 1469(g), (j) & (k)	
	<input type="checkbox"/> Rule 1469 (12/05/08)			

KEY ABBREVIATIONS:	Reg = AQMD Regulation Rule = AQMD Rule	App = Appendix AQMD TM = AQMD Test Method	CFR = Code of Federal Regulations CCR = California Code of Regulations
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Section II - Applicable Requirements, Test Methods, MRR Requirements				
Equipment/Process	Applicable Requirement	Test Method	MRR Requirement	
<input type="checkbox"/> Coating Operation, Adhesive Application Operation	<input type="checkbox"/> Rule 109 (05/02/03)	<input type="checkbox"/> Rule 109(g)	<input type="checkbox"/> Rule 109(c)	
	<input type="checkbox"/> Rule 481 (01/11/02)	<input type="checkbox"/> Rule 481(d)		
	<input type="checkbox"/> Rule 1132 (05/05/06)	<input type="checkbox"/> Rule 1132(f)	<input type="checkbox"/> Rule 1132(g)	
	<input type="checkbox"/> Rule 1168 (01/07/05)	<input type="checkbox"/> Rule 1168(f) & (e)	<input type="checkbox"/> Rule 1168(d)	
	<input type="checkbox"/> Rule 1171 (05/01/09)	<input type="checkbox"/> Rule 1171(e)	<input type="checkbox"/> Rule 1171(c)(6)	
	<input type="checkbox"/> 40 CFR60 SUBPART RR	See Applicable Subpart	See Applicable Subpart	
<input type="checkbox"/> Coating Operation, Aerospace Assembly & Component Manufacturing	<input type="checkbox"/> Rule 109 (05/02/03)	<input type="checkbox"/> Rule 109(g)	<input type="checkbox"/> Rule 109(c)	
	<input type="checkbox"/> Rule 481 (01/11/02)	<input type="checkbox"/> Rule 481(d)		
	<input type="checkbox"/> Rule 1124 (09/21/01)	<input type="checkbox"/> Rule 1124(e) & (f)	<input type="checkbox"/> Rule 1124(j) & (d)	
	<input type="checkbox"/> Rule 1132 (05/05/06)	<input type="checkbox"/> Rule 1132(f)	<input type="checkbox"/> Rule 1132(g)	
	<input type="checkbox"/> Rule 1171 (05/01/09)	<input type="checkbox"/> Rule 1171(e)	<input type="checkbox"/> Rule 1171(c)(6)	
	<input type="checkbox"/> 40 CFR63 SUBPART GG	See Applicable Subpart	See Applicable Subpart	
<input type="checkbox"/> Coating Operation, Graphic Arts (Gravure, Letter Press, Flexographic & Lithographic Printing Process, Etc.)	<input type="checkbox"/> Rule 109 (05/02/03)	<input type="checkbox"/> Rule 109(g)	<input type="checkbox"/> Rule 109(c)	
	<input type="checkbox"/> Rule 481 (01/11/02)	<input type="checkbox"/> Rule 481(d)		
	<input type="checkbox"/> Rule 1130 (10/08/99)	<input type="checkbox"/> Rule 1130(h)	<input type="checkbox"/> Rule 1130(e)	
	<input type="checkbox"/> Rule 1132 (05/05/06)	<input type="checkbox"/> Rule 1132(f)	<input type="checkbox"/> Rule 1132(g)	
	<input type="checkbox"/> Rule 1171 (05/01/09)	<input type="checkbox"/> Rule 1171(e)	<input type="checkbox"/> Rule 1171(c)(6)	
	<input type="checkbox"/> 40 CFR60 SUBPART QQ	See Applicable Subpart	See Applicable Subpart	
	<input type="checkbox"/> 40 CFR60 SUBPART RR	See Applicable Subpart	See Applicable Subpart	
	<input type="checkbox"/> 40 CFR60 SUBPART FFF	See Applicable Subpart	See Applicable Subpart	
	<input type="checkbox"/> 40 CFR60 SUBPART VVV	See Applicable Subpart	See Applicable Subpart	
	<input type="checkbox"/> 40 CFR63 SUBPART KK	See Applicable Subpart	See Applicable Subpart	
<input type="checkbox"/> Coating Operation, Magnet Wire Coating	<input type="checkbox"/> 40 CFR63 SUBPART JJJJ	See Applicable Subpart	See Applicable Subpart	
	<input type="checkbox"/> Rule 109 (05/02/03)	<input type="checkbox"/> Rule 109(g)	<input type="checkbox"/> Rule 109(c)	
	<input type="checkbox"/> Rule 481 (01/11/02)	<input type="checkbox"/> Rule 481(d)		
	<input type="checkbox"/> Rule 1126 (01/13/95)	<input type="checkbox"/> Rule 1126(d)	<input type="checkbox"/> Rule 1126(c)(4)	
	<input type="checkbox"/> Rule 1132 (05/05/06)	<input type="checkbox"/> Rule 1132(f)	<input type="checkbox"/> Rule 1132(g)	
	<input type="checkbox"/> Rule 1171 (05/01/09)	<input type="checkbox"/> Rule 1171(e)	<input type="checkbox"/> Rule 1171(c)(6)	

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Section II - Applicable Requirements, Test Methods MRR Requirements			
Equipment/Process	Applicable Requirement	Test Method	MRR Requirement
<input type="checkbox"/> Coating Operation, Marine Coating (Except for recreational equipment)	<input type="checkbox"/> Rule 109 (05/02/03)	<input type="checkbox"/> Rule 109(g)	<input type="checkbox"/> Rule 109(c)
	<input type="checkbox"/> Rule 481 (01/11/02)	<input type="checkbox"/> Rule 481(d)	<input type="checkbox"/> Rule 1106(c)(5)
	<input type="checkbox"/> Rule 1106 (01/13/95)	<input type="checkbox"/> Rule 1106(e)	<input type="checkbox"/> Rule 1132(g)
	<input type="checkbox"/> Rule 1132 (05/05/06)	<input type="checkbox"/> Rule 1132(f)	<input type="checkbox"/> Rule 1171(c)(6)
	<input type="checkbox"/> Rule 1171 (05/01/09)	<input type="checkbox"/> Rule 1171(e)	See Applicable Subpart
	<input type="checkbox"/> 40 CFR63 SUBPART II	See Applicable Subpart	
<input type="checkbox"/> Coating Operation, Metal Coating	<input type="checkbox"/> Rule 109 (05/02/03)	<input type="checkbox"/> Rule 109(g)	<input type="checkbox"/> Rule 109(c)
	<input type="checkbox"/> Rule 481 (01/11/02)	<input type="checkbox"/> Rule 481(d)	<input type="checkbox"/> Rule 1107(j)
	<input type="checkbox"/> Rule 1107 (01/06/06)	<input type="checkbox"/> Rule 1107(e)	<input type="checkbox"/> Rule 1132(g)
	<input type="checkbox"/> Rule 1132 (05/05/06)	<input type="checkbox"/> Rule 1132(f)	<input type="checkbox"/> Rule 1171(c)(6)
	<input type="checkbox"/> Rule 1171 (05/01/09)	<input type="checkbox"/> Rule 1171(e)	See Applicable Subpart
	<input type="checkbox"/> 40 CFR60 SUBPART EE	See Applicable Subpart	See Applicable Subpart
<input type="checkbox"/> Coating Operation, Metal Containers, Closure, & Coil Coating Operations	<input type="checkbox"/> 40 CFR60 SUBPART SS	See Applicable Subpart	See Applicable Subpart
	<input type="checkbox"/> 40 CFR63 SUBPART NNNN	See Applicable Subpart	See Applicable Subpart
	<input type="checkbox"/> 40 CFR63 SUBPART MMMM	See Applicable Subpart	See Applicable Subpart
	<input type="checkbox"/> 40 CFR63 SUBPART RRRR	See Applicable Subpart	See Applicable Subpart
	<input type="checkbox"/> Rule 109 (05/02/03)	<input type="checkbox"/> Rule 109(g)	<input type="checkbox"/> Rule 109(c)
	<input type="checkbox"/> Rule 481 (01/11/02)	<input type="checkbox"/> Rule 481(d)	<input type="checkbox"/> Rule 1125(c)(6)
<input type="checkbox"/> Coating Operation, Motor Vehicle & Mobile Equipment Non-Assembly Line Coating Operation	<input type="checkbox"/> Rule 1125 (03/07/08)	<input type="checkbox"/> Rule 1125(e)	<input type="checkbox"/> Rule 1132(g)
	<input type="checkbox"/> Rule 1132 (05/05/06)	<input type="checkbox"/> Rule 1132(f)	<input type="checkbox"/> Rule 1171(c)(6)
	<input type="checkbox"/> Rule 1171 (05/01/09)	<input type="checkbox"/> Rule 1171(e)	See Applicable Subpart
	<input type="checkbox"/> 40 CFR60 SUBPART TT	See Applicable Subpart	See Applicable Subpart
	<input type="checkbox"/> 40 CFR60 SUBPART WW	See Applicable Subpart	See Applicable Subpart
	<input type="checkbox"/> 40 CFR63 SUBPART KKKK	See Applicable Subpart	See Applicable Subpart
<input type="checkbox"/> Coating Operation, Motor Vehicle & Mobile Equipment Non-Assembly Line Coating Operation	<input type="checkbox"/> 40 CFR63 SUBPART SSSS	See Applicable Subpart	See Applicable Subpart
	<input type="checkbox"/> Rule 109 (05/02/03)	<input type="checkbox"/> Rule 109(g)	<input type="checkbox"/> Rule 109(c)
	<input type="checkbox"/> Rule 481 (01/11/02)	<input type="checkbox"/> Rule 481(d)	<input type="checkbox"/> Rule 1132(g)
	<input type="checkbox"/> Rule 1132 (05/05/06)	<input type="checkbox"/> Rule 1132(f)	<input type="checkbox"/> Rule 1151(f)
	<input type="checkbox"/> Rule 1151 (12/02/05)	<input type="checkbox"/> Rule 1151(h)	<input type="checkbox"/> Rule 1171(c)(6)
	<input type="checkbox"/> Rule 1171 (05/01/09)	<input type="checkbox"/> Rule 1171(e)	

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	Rule = AQMD Rule	AQMD TM = AQMD Test Method	CCR = California Code of Regulations

Section II - Applicable Requirements, Test Methods MRR Requirements			
Equipment/Process	Applicable Requirement	Test Method	MRR Requirement
<input type="checkbox"/> Coating Operation, Motor Vehicle Assembly Line	<input type="checkbox"/> Rule 109 (05/02/03)	<input type="checkbox"/> Rule 109(g)	<input type="checkbox"/> Rule 109(c)
	<input type="checkbox"/> Rule 481 (01/11/02)	<input type="checkbox"/> Rule 481(d)	<input type="checkbox"/> Rule 1115(g)
	<input type="checkbox"/> Rule 1115 (05/12/95)	<input type="checkbox"/> Rule 1115(e)	<input type="checkbox"/> Rule 1132(g)
	<input type="checkbox"/> Rule 1132 (05/05/06)	<input type="checkbox"/> Rule 1132(f)	<input type="checkbox"/> Rule 1171(c)(6)
	<input type="checkbox"/> Rule 1171 (05/01/09)	<input type="checkbox"/> Rule 1171(e)	See Applicable Subpart
	<input type="checkbox"/> 40 CFR60 SUBPART MM	See Applicable Subpart	See Applicable Subpart
<input type="checkbox"/> Coating Operation, Paper, Fabric, & Film Coating Operations	<input type="checkbox"/> 40 CFR63 SUBPART IIII	See Applicable Subpart	See Applicable Subpart
	<input type="checkbox"/> Rule 109 (05/02/03)	<input type="checkbox"/> Rule 109(g)	<input type="checkbox"/> Rule 109(c)
	<input type="checkbox"/> Rule 481 (01/11/02)	<input type="checkbox"/> Rule 481(d)	<input type="checkbox"/> Rule 1128(e)
	<input type="checkbox"/> Rule 1128 (03/08/96)	<input type="checkbox"/> Rule 1128(f)	<input type="checkbox"/> Rule 1132(g)
	<input type="checkbox"/> Rule 1132 (05/05/06)	<input type="checkbox"/> Rule 1132(f)	<input type="checkbox"/> Rule 1171(c)(6)
	<input type="checkbox"/> Rule 1171 (05/01/09)	<input type="checkbox"/> Rule 1171(e)	See Applicable Subpart
<input type="checkbox"/> Coating Operation, Plastic, Rubber, & Glass	<input type="checkbox"/> 40 CFR60 SUBPART VW	See Applicable Subpart	See Applicable Subpart
	<input type="checkbox"/> 40 CFR63 SUBPART OOOO	See Applicable Subpart	See Applicable Subpart
	<input type="checkbox"/> Rule 109 (05/02/03)	<input type="checkbox"/> Rule 109(g)	<input type="checkbox"/> Rule 109(c)
	<input type="checkbox"/> Rule 481 (01/11/02)	<input type="checkbox"/> Rule 481(d)	<input type="checkbox"/> Rule 1145(d)
	<input type="checkbox"/> Rule 1145 (12/04/09)	<input type="checkbox"/> Rule 1145(e)	<input type="checkbox"/> Rule 1132(g)
	<input type="checkbox"/> Rule 1132 (05/05/06)	<input type="checkbox"/> Rule 1132(f)	<input type="checkbox"/> Rule 1171(c)(6)
<input type="checkbox"/> Coating Operation, Pleasure Craft	<input type="checkbox"/> Rule 1171 (05/01/09)	<input type="checkbox"/> Rule 1171(e)	See Applicable Subpart
	<input type="checkbox"/> 40 CFR60 SUBPART TTT	See Applicable Subpart	See Applicable Subpart
	<input type="checkbox"/> 40 CFR63 SUBPART NNNN	See Applicable Subpart	See Applicable Subpart
	<input type="checkbox"/> 40 CFR63 SUBPART PPPP	See Applicable Subpart	See Applicable Subpart
	<input type="checkbox"/> Rule 109 (05/02/03)	<input type="checkbox"/> Rule 109(g)	<input type="checkbox"/> Rule 109(c)
	<input type="checkbox"/> Rule 481 (01/11/02)	<input type="checkbox"/> Rule 481(d)	<input type="checkbox"/> Rule 1106.1(d)
	<input type="checkbox"/> Rule 1106.1 (02/12/99)	<input type="checkbox"/> Rule 1106.1(e)	<input type="checkbox"/> Rule 1132(g)
	<input type="checkbox"/> Rule 1132 (05/05/06)	<input type="checkbox"/> Rule 1132(f)	<input type="checkbox"/> Rule 1171(c)(6)
	<input type="checkbox"/> Rule 1171 (05/01/09)	<input type="checkbox"/> Rule 1171(e)	See Applicable Subpart
	<input type="checkbox"/> 40 CFR63 SUBPART II	See Applicable Subpart	See Applicable Subpart

Section II - Applicable Requirements, Test Method, MRR Requirements			
Equipment/Process	Applicable Requirement	Test Method	MRR Requirement
<input type="checkbox"/> Coating Operation, Screen Printing	<input type="checkbox"/> Rule 109 (05/02/03) <input type="checkbox"/> Rule 1130.1 (12/13/96) <input type="checkbox"/> Rule 1132 (05/05/06) <input type="checkbox"/> Rule 1171 (05/01/09) <input type="checkbox"/> 40 CFR63 SUBPART KK	<input type="checkbox"/> Rule 109(g) <input type="checkbox"/> Rule 1130.1(g) <input type="checkbox"/> Rule 1132(f) <input type="checkbox"/> Rule 1171(e) See Applicable Subpart	<input type="checkbox"/> Rule 109(c) <input type="checkbox"/> Rule 1130.1(c)(5) <input type="checkbox"/> Rule 1132(g) <input type="checkbox"/> Rule 1171(c)(6) See Applicable Subpart
<input checked="" type="checkbox"/> Coating Operation, Use Of Architectural Coating (Stationary Structures)	<input checked="" type="checkbox"/> Rule 109 (05/02/03) <input type="checkbox"/> Rule 481 (01/11/02) <input checked="" type="checkbox"/> Rule 1113 (07/13/07) <input type="checkbox"/> Rule 1132 (05/05/06) <input checked="" type="checkbox"/> Rule 1171 (05/01/09)	<input checked="" type="checkbox"/> Rule 109(g) <input type="checkbox"/> Rule 481(d) <input checked="" type="checkbox"/> Rule 1113(e) <input type="checkbox"/> Rule 1132(f) <input checked="" type="checkbox"/> Rule 1171(e)	<input checked="" type="checkbox"/> Rule 109(c) <input type="checkbox"/> Rule 1132(g) <input checked="" type="checkbox"/> Rule 1171(c)(6)
<input type="checkbox"/> Coating Operation, Wood Flat Stock	<input type="checkbox"/> Rule 109 (05/02/03) <input type="checkbox"/> Rule 481 (01/11/02) <input type="checkbox"/> Rule 1104 (08/13/99) <input type="checkbox"/> Rule 1132 (05/05/06) <input type="checkbox"/> Rule 1171 (05/01/09) <input type="checkbox"/> 40 CFR63 SUBPART II	<input type="checkbox"/> Rule 109(g) <input type="checkbox"/> Rule 481(d) <input type="checkbox"/> Rule 1104(e) <input type="checkbox"/> Rule 1132(f) <input type="checkbox"/> Rule 1171(e) See Applicable Subpart	<input type="checkbox"/> Rule 109(c) <input type="checkbox"/> Rule 1104(d) <input type="checkbox"/> Rule 1132(g) <input type="checkbox"/> Rule 1171(c)(6) See Applicable Subpart
<input type="checkbox"/> Coating Operation, Wood Products (Commercial Furniture, Cabinets, Shutters, Frames, Toys)	<input type="checkbox"/> Rule 109 (05/02/03) <input type="checkbox"/> Rule 481 (01/11/02) <input type="checkbox"/> Rule 1132 (05/05/06) <input type="checkbox"/> Rule 1136 (06/14/96) <input type="checkbox"/> Rule 1171 (05/01/09) <input type="checkbox"/> 40 CFR63 SUBPART JJ	<input type="checkbox"/> Rule 109(g) <input type="checkbox"/> Rule 481(d) <input type="checkbox"/> Rule 1132(f) <input type="checkbox"/> Rule 1136(f) <input type="checkbox"/> Rule 1171(e) See Applicable Subpart	<input type="checkbox"/> Rule 109(c) <input type="checkbox"/> Rule 1132(g) <input type="checkbox"/> Rule 1136(d) & (g) <input type="checkbox"/> Rule 1171(c)(6) See Applicable Subpart
<input type="checkbox"/> Coater	See Coating Operations	See Applicable Subpart	See Applicable Subpart
<input type="checkbox"/> Columns	See Petroleum Refineries, Fugitive Emissions		
<input type="checkbox"/> Composting Operation	<input type="checkbox"/> Rule 1133 (01/10/03) <input type="checkbox"/> Rule 1133.1 (01/10/03) <input type="checkbox"/> Rule 1133.2 (01/10/03)	<input type="checkbox"/> Rule 1133.1(e) <input type="checkbox"/> Rule 1133.2(g)	<input type="checkbox"/> Rule 1133.1(d) <input type="checkbox"/> Rule 1133.2(h)
<input checked="" type="checkbox"/> Compressors	See Fugitive Emissions or Petroleum Refineries, Fugitive Emissions		
<input type="checkbox"/> Concrete Batch Plants	See Nonmetallic Mineral Processing Plants		
<input type="checkbox"/> Consumer Product Manufacturing	See Manufacturing, Consumer Product		
<input type="checkbox"/> Cooling Tower, Hexavalent Chromium	<input type="checkbox"/> 40 CFR63 SUBPART Q	See Applicable Subpart	See Applicable Subpart

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Section II - Applicable Requirements, Test Methods, MRR Requirements			
Equipment/Process	Applicable Requirement	Test Method	MRR Requirement
<input type="checkbox"/> Copper Electroplating Operation	<input type="checkbox"/> Rule 1426 (05/02/03)		<input type="checkbox"/> Rule 1426(e)
<input checked="" type="checkbox"/> Crude Oil Production	See Oil Well Operations		
<input type="checkbox"/> Crusher	See Nonmetallic Mineral Processing Plants		
<input type="checkbox"/> Dairy Farms and Related Operations	<input type="checkbox"/> Rule 1127 (08/06/04)	<input type="checkbox"/> Rule 1127(h)	<input type="checkbox"/> Rule 1127(g)
<input type="checkbox"/> Degreasers	<input type="checkbox"/> Rule 109 (05/02/03) <input type="checkbox"/> Rule 1122 (05/01/09) <input type="checkbox"/> Rule 1171 (05/01/09) <input type="checkbox"/> 40 CFR63 SUBPART T	<input type="checkbox"/> Rule 109(g) <input type="checkbox"/> Rule 1122(h) <input type="checkbox"/> Rule 1171(e) See Applicable Subpart	<input type="checkbox"/> Rule 109(c) <input type="checkbox"/> Rule 1122(i) <input type="checkbox"/> Rule 1171(c)(6) See Applicable Subpart
<input type="checkbox"/> Dry Cleaning, Perchloroethylene	<input type="checkbox"/> Rule 1421 (12/06/02)	<input type="checkbox"/> Rule 1421(e) & (i)	<input type="checkbox"/> Rule 1421(g) & (h)
<input type="checkbox"/> Dry Cleaning, Petroleum Solvent	<input type="checkbox"/> Rule 109 (05/02/03) <input type="checkbox"/> Rule 1102 (11/17/00) <input type="checkbox"/> 40 CFR60 SUBPART JJJ	<input type="checkbox"/> Rule 109(g) <input type="checkbox"/> Rule 1102(g) See Applicable Subpart	<input type="checkbox"/> Rule 109(c) <input type="checkbox"/> Rule 1102(f) See Applicable Subpart
<input type="checkbox"/> Dryers, Mineral Industries	<input type="checkbox"/> 40 CFR60 SUBPART UUU	See Applicable Subpart	See Applicable Subpart
<input type="checkbox"/> Ethylene Oxide Sterilizer	See Sterilizer, Ethylene Oxide		
<input checked="" type="checkbox"/> Flanges	See Fugitive Emissions or Petroleum Refineries, Fugitive Emissions		
<input type="checkbox"/> Fluid Catalytic Cracking Unit	<input type="checkbox"/> Rule 218 (05/14/99) <input type="checkbox"/> Rule 1105 (09/01/84) <input type="checkbox"/> Rule 1105.1 (11/07/03)	<input type="checkbox"/> AQMD TM 100.1 <input type="checkbox"/> Rule 1105(c)(1) <input type="checkbox"/> Rule 1105.1(f)	<input type="checkbox"/> Rule 218(e) & (f) <input type="checkbox"/> Rule 1105(c)(2) <input type="checkbox"/> Rule 1105.1(e)
<input type="checkbox"/> Foundries, Iron and Steel	<input type="checkbox"/> 40 CFR63 SUBPART EEEEE	See Applicable Subpart	See Applicable Subpart
<input type="checkbox"/> Friction Materials Manufacturing	See Manufacturing, Friction Materials		
<input type="checkbox"/> Fugitive Emissions, Benzene	<input type="checkbox"/> Rule 1173 (12/06/02) <input type="checkbox"/> 40 CFR61 SUBPART L <input type="checkbox"/> 40 CFR61 SUBPART V <input type="checkbox"/> 40 CFR63 SUBPART R <input type="checkbox"/> 40 CFR63 SUBPART CC	<input type="checkbox"/> Rule 1173(j) See Applicable Subpart See Applicable Subpart See Applicable Subpart See Applicable Subpart	<input type="checkbox"/> Rule 1173(i) See Applicable Subpart See Applicable Subpart See Applicable Subpart See Applicable Subpart

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Section II - Applicable Requirements, Test Methods, MRR Requirements

Equipment/Process	Applicable Requirement	Test Method	MRR Requirement
Fugitive Emissions, Chemical Plant	Rule 466 (10/07/83)	Rule 466(f)	Rule 466(e)
	Rule 466.1 (03/16/84)	Rule 466.1(g)	Rule 466.1(h)
	Rule 467 (03/05/82)	Rule 467(f)	Rule 467(e)
	Rule 1173 (02/06/09)	Rule 1173(j)	Rule 1173(i)
	40 CFR60 SUBPART VV	See Applicable Subpart	See Applicable Subpart
	40 CFR61 SUBPART V	See Applicable Subpart	See Applicable Subpart
	40 CFR63 SUBPART F	See Applicable Subpart	See Applicable Subpart
	40 CFR63 SUBPART G	See Applicable Subpart	See Applicable Subpart
	40 CFR63 SUBPART H	See Applicable Subpart	See Applicable Subpart
	40 CFR63 SUBPART I	See Applicable Subpart	See Applicable Subpart
Fugitive Emissions, Natural Gas Processing Plant	40 CFR63 SUBPART R	See Applicable Subpart	See Applicable Subpart
	40 CFR63 SUBPART CC	See Applicable Subpart	See Applicable Subpart
	Rule 466 (10/07/83)	Rule 466(f)	Rule 466(e)
	Rule 466.1 (03/16/84)	Rule 466.1(g)	Rule 466.1(h)
	Rule 467 (03/05/82)	Rule 467(f)	Rule 467(e)
	Rule 1173 (02/06/09)	Rule 1173(j)	Rule 1173(i)
	40 CFR60 SUBPART KKK	See Applicable Subpart	See Applicable Subpart
	40 CFR61 SUBPART V	See Applicable Subpart	See Applicable Subpart
	40 CFR63 SUBPART F	See Applicable Subpart	See Applicable Subpart
	40 CFR63 SUBPART G	See Applicable Subpart	See Applicable Subpart
	40 CFR63 SUBPART H	See Applicable Subpart	See Applicable Subpart
	40 CFR63 SUBPART I	See Applicable Subpart	See Applicable Subpart
	40 CFR63 SUBPART R	See Applicable Subpart	See Applicable Subpart
	40 CFR63 SUBPART CC	See Applicable Subpart	See Applicable Subpart

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Section II - Applicable Requirements, Test Method, MRR Requirements			
Equipment/Process	Applicable Requirement	Test Method	MRR Requirement
<input checked="" type="checkbox"/> Fugitive Emissions, Oil & Gas Production Facility	<input type="checkbox"/> Rule 466 (10/07/83) <input type="checkbox"/> Rule 466.1 (03/16/84) <input type="checkbox"/> Rule 467 (03/05/82) <input checked="" type="checkbox"/> Rule 1173 (02/06/09) <input type="checkbox"/> 40 CFR61 SUBPART V <input type="checkbox"/> 40 CFR63 SUBPART F <input type="checkbox"/> 40 CFR63 SUBPART G <input type="checkbox"/> 40 CFR63 SUBPART H <input type="checkbox"/> 40 CFR63 SUBPART I <input type="checkbox"/> 40 CFR63 SUBPART R <input type="checkbox"/> 40 CFR63 SUBPART CC	<input type="checkbox"/> Rule 466(f) <input type="checkbox"/> Rule 466.1(g) <input type="checkbox"/> Rule 467(f) <input checked="" type="checkbox"/> Rule 1173(i) See Applicable Subpart See Applicable Subpart See Applicable Subpart See Applicable Subpart See Applicable Subpart See Applicable Subpart See Applicable Subpart	<input type="checkbox"/> Rule 466(e) <input type="checkbox"/> Rule 466.1(h) <input type="checkbox"/> Rule 467(e) <input checked="" type="checkbox"/> Rule 1173(i) See Applicable Subpart See Applicable Subpart See Applicable Subpart See Applicable Subpart See Applicable Subpart See Applicable Subpart See Applicable Subpart
<input type="checkbox"/> Fugitive Emissions, Pipeline Transfer Station	<input type="checkbox"/> Rule 466 (10/07/83) <input type="checkbox"/> Rule 466.1 (03/16/84) <input type="checkbox"/> Rule 467 (03/05/82) <input type="checkbox"/> Rule 1173 (02/06/09) <input type="checkbox"/> 40 CFR61 SUBPART V <input type="checkbox"/> 40 CFR63 SUBPART F <input type="checkbox"/> 40 CFR63 SUBPART G <input type="checkbox"/> 40 CFR63 SUBPART H <input type="checkbox"/> 40 CFR63 SUBPART I <input type="checkbox"/> 40 CFR63 SUBPART R <input type="checkbox"/> 40 CFR63 SUBPART CC	<input type="checkbox"/> Rule 466(f) <input type="checkbox"/> Rule 466.1(g) <input type="checkbox"/> Rule 467(f) <input type="checkbox"/> Rule 1173(j) See Applicable Subpart See Applicable Subpart See Applicable Subpart See Applicable Subpart See Applicable Subpart See Applicable Subpart See Applicable Subpart See Applicable Subpart	<input type="checkbox"/> Rule 466(e) <input type="checkbox"/> Rule 466.1(h) <input type="checkbox"/> Rule 467(e) <input type="checkbox"/> Rule 1173(i) See Applicable Subpart See Applicable Subpart See Applicable Subpart See Applicable Subpart See Applicable Subpart See Applicable Subpart See Applicable Subpart See Applicable Subpart
<input type="checkbox"/> Furnace, Basic Oxygen Process	<input type="checkbox"/> 40 CFR60 SUBPART Na	See Applicable Subpart	See Applicable Subpart
<input type="checkbox"/> Furnace, Electric Arc, For Steel Plants, Constructed After August 17, 1983	<input type="checkbox"/> 40 CFR60 SUBPART AAa	See Applicable Subpart	See Applicable Subpart
<input type="checkbox"/> Furnace, Electric Arc, For Steel Plants, Constructed After Oct. 21, 1974, & On Or Before Aug. 17, 1983	<input type="checkbox"/> 40 CFR60 SUBPART AA	See Applicable Subpart	See Applicable Subpart
<input type="checkbox"/> Furnace, Glass Melting	<input type="checkbox"/> Rule 1117 (01/06/84)	<input type="checkbox"/> Rule 1117(c), AQMD TM 7.1 or 100.1	See Applicable Subpart
<input type="checkbox"/> Furnace, Lead Melting, Automotive Batteries	<input type="checkbox"/> 40 CFR60 SUBPART CC <input type="checkbox"/> Rule 1101 (10/07/77) <input type="checkbox"/> 40 CFR63 SUBPART X	See Applicable Subpart <input type="checkbox"/> AQMD TM 6.1 See Applicable Subpart	See Applicable Subpart See Applicable Subpart See Applicable Subpart

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Section II - Applicable Requirements, Test Methods MRR Requirements			
Equipment/Process	Applicable Requirement	Test Method	MRR Requirement
<input type="checkbox"/> Gasoline Transfer & Dispensing Operation	<input type="checkbox"/> Rule 461 (06/03/05)	<input type="checkbox"/> Rule 461(f)	<input type="checkbox"/> Rule 461(e)(6) & (e)(7)
<input type="checkbox"/> Glass Manufacturing	See Manufacturing Glass		
<input type="checkbox"/> Grain Elevators	<input type="checkbox"/> 40 CFR60 SUBPART DD	See Applicable Subpart	See Applicable Subpart
<input type="checkbox"/> Halon-containing Equipment, Use for Technician Training, Testing, Maintenance, Service, Repair, or Disposal	<input type="checkbox"/> 40 CFR82 SUBPART H	See Applicable Subpart	See Applicable Subpart
<input type="checkbox"/> Hazardous Waste Combustors	<input type="checkbox"/> 40 CFR63 SUBPART EEE	See Applicable Subpart	See Applicable Subpart
<input type="checkbox"/> Heater, Asphalt Pavement	<input type="checkbox"/> Rule 1120 (08/04/78)	<input type="checkbox"/> AQMD Visible Emissions, AQMD TM 6.2	<input type="checkbox"/> Rule 1120(f)
<input type="checkbox"/> Heaters, Petroleum Refinery Process	<input type="checkbox"/> Rule 429 (12/21/90) <input type="checkbox"/> Rule 431.1 (06/12/98) <input type="checkbox"/> Rule 1146 (09/05/08) <input type="checkbox"/> 40 CFR60 SUBPART J <input type="checkbox"/> 40 CFR63 SUBPART DDDDD	N/A <input type="checkbox"/> Rule 431.1(f) <input type="checkbox"/> Rule 1146(d) See Applicable Subpart See Applicable Subpart	<input type="checkbox"/> Rule 429(d) <input type="checkbox"/> Rule 431.1(d) & (e) <input type="checkbox"/> Rule 1146(c)(6) & (c)(7) See Applicable Subpart See Applicable Subpart
<input checked="" type="checkbox"/> Heaters, Process	See Boilers		
<input type="checkbox"/> Incinerators	<input type="checkbox"/> 40 CFR60 SUBPART E <input type="checkbox"/> 40 CFR60 SUBPART CCCC	See Applicable Subpart See Applicable Subpart	See Applicable Subpart See Applicable Subpart
<input type="checkbox"/> Inorganic Arsenic Emissions, Arsenic Trioxide & Metallic Arsenic Production Facilities	<input type="checkbox"/> 40 CFR61 SUBPART P	See Applicable Subpart	See Applicable Subpart
<input type="checkbox"/> Internal Combustion Engines, Reciprocating	<input type="checkbox"/> Rule 1110.2 (07/09/10) <input type="checkbox"/> 40 CFR60 SUBPART III and JJJJ <input type="checkbox"/> 40 CFR63 SUBPART ZZZZ	Rule 1110.2(g) See Applicable Subpart See Applicable Subpart	Rule 1110.2(f) See Applicable Subpart See Applicable Subpart
<input type="checkbox"/> Kiln, Cement Plant	<input type="checkbox"/> Rule 1112 (06/06/86) <input type="checkbox"/> Rule 1112.1 (12/04/09) <input type="checkbox"/> 40 CFR60 SUBPART F	N/A N/A See Applicable Subpart	N/A N/A See Applicable Subpart

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Section II - Applicable Requirements, Test Method, MRR Requirements			
Equipment/Process	Applicable Requirement	Test Method	MRR Requirement
<input type="checkbox"/> Landfills	<input type="checkbox"/> Rule 1150 (10/15/82) <input type="checkbox"/> Rule 1150.1 (03/17/00) <input type="checkbox"/> 40 CFR60 SUBPART WWW <input type="checkbox"/> 40 CFR63 SUBPART AAAA	<input type="checkbox"/> Rule 1150.1(f) See Applicable Subpart See Applicable Subpart	<input type="checkbox"/> Rule 1150.1(e) & (f) See Applicable Subpart See Applicable Subpart
<input type="checkbox"/> Lead Acid Battery Manufacturing Plants	See Manufacturing Lead Acid Battery		
<input type="checkbox"/> Lead Electroplating Operation	<input type="checkbox"/> Rule 1426 (05/02/03)		<input type="checkbox"/> Rule 1426(e)
<input type="checkbox"/> Manufacturing, Asphalt Processing & Asphalt Roofing	<input type="checkbox"/> Rule 470 (05/07/76) <input type="checkbox"/> Rule 1108 (02/01/85) <input type="checkbox"/> Rule 1108.1 (11/04/83) <input type="checkbox"/> 40 CFR60 SUBPART UU <input type="checkbox"/> 40 CFR63 SUBPART LLLLL	N/A <input type="checkbox"/> Rule 1108(b) <input type="checkbox"/> Rule 1108.1 (b) See Applicable Subpart See Applicable Subpart See Applicable Subpart	See Applicable Subpart See Applicable Subpart
<input type="checkbox"/> Manufacturing, Brick & Structural Clay Products	<input type="checkbox"/> 40 CFR63 SUBPART JJJJ		See Applicable Subpart
<input type="checkbox"/> Manufacturing, Cement	<input type="checkbox"/> Rule 1156 (03/06/09)	<input type="checkbox"/> Rule 1156(g)	<input type="checkbox"/> Rule 1156(f)
<input type="checkbox"/> Manufacturing, Clay Ceramics	<input type="checkbox"/> 40 CFR63 SUBPART KKKKK	See Applicable Subpart	See Applicable Subpart
<input type="checkbox"/> Manufacturing, Coatings & Ink (SIC Code 2851)	<input type="checkbox"/> Rule 1141.1 (11/17/00) <input type="checkbox"/> 40 CFR63 SUBPART HHHHH	N/A See Applicable Subpart	<input type="checkbox"/> Rule 1141.1(c) See Applicable Subpart
<input type="checkbox"/> Manufacturing, Consumer Product	<input type="checkbox"/> Title 17 CCR 94500		
<input type="checkbox"/> Manufacturing, Food Product	<input type="checkbox"/> Rule 1131 (06/06/03)	<input type="checkbox"/> Rule 1131(e)	<input type="checkbox"/> Rule 1131(d)
<input type="checkbox"/> Manufacturing, Friction Materials	<input type="checkbox"/> 40 CFR63 SUBPART QQQQQ	See Applicable Subpart	See Applicable Subpart
<input type="checkbox"/> Manufacturing, Glass	<input type="checkbox"/> Rule 1117 (01/06/84)	<input type="checkbox"/> Rule 1117(c), AQMD TM 7.1 or 100.1	
	<input type="checkbox"/> 40 CFR60 SUBPART CC <input type="checkbox"/> 40 CFR61 SUBPART N	See Applicable Subpart See Applicable Subpart	See Applicable Subpart See Applicable Subpart
<input type="checkbox"/> Manufacturing, Hydrochloric Acid	<input type="checkbox"/> 40 CFR63 SUBPART NNNNN	See Applicable Subpart	See Applicable Subpart
<input type="checkbox"/> Manufacturing, Lead-Acid Battery	<input type="checkbox"/> 40 CFR60 SUBPART KK	See Applicable Subpart	See Applicable Subpart

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Section II - Applicable Requirements, Test Methods, MRR Requirements			
Equipment/Process	Applicable Requirement	Test Method	MRR Requirement
<input type="checkbox"/> Manufacturing, Lime	<input type="checkbox"/> 40 CFR63 SUBPART AAAAA	See Applicable Subpart	See Applicable Subpart
<input type="checkbox"/> Manufacturing, Magnetic Tape Industry	<input type="checkbox"/> 40 CFR60 SUBPART SSS <input type="checkbox"/> 40 CFR63 SUBPART EE	See Applicable Subpart See Applicable Subpart	See Applicable Subpart See Applicable Subpart
<input type="checkbox"/> Manufacturing, Miscellaneous Organic Chemical	<input type="checkbox"/> 40 CFR63 SUBPART FFFF	See Applicable Subpart	See Applicable Subpart
<input type="checkbox"/> Manufacturing, Nitric Acid	<input type="checkbox"/> Rule 218 (05/14/99) <input type="checkbox"/> Rule 1159 (12/06/85) <input type="checkbox"/> 40 CFR60 SUBPART G	<input type="checkbox"/> AQMD TM 100.1 <input type="checkbox"/> AQMD TM 7.1 or 100.1 See Applicable Subpart	<input type="checkbox"/> Rule 218(e) & (f) See Applicable Subpart
<input type="checkbox"/> Manufacturing, Plywood & Composite Wood Products	<input type="checkbox"/> Rule 1137 (02/01/02) <input type="checkbox"/> 40 CFR63 SUBPART DDDD	N/A See Applicable Subpart	<input type="checkbox"/> Rule 1137(e) See Applicable Subpart
<input type="checkbox"/> Manufacturing, Polymer Industry	<input type="checkbox"/> 40 CFR60 SUBPART DDD <input type="checkbox"/> 40 CFR63 SUBPART W <input type="checkbox"/> 40 CFR63 SUBPART J	See Applicable Subpart See Applicable Subpart See Applicable Subpart	See Applicable Subpart See Applicable Subpart See Applicable Subpart
<input type="checkbox"/> Manufacturing, Polymeric Cellular Foam	<input type="checkbox"/> Rule 1175 (09/07/07) <input type="checkbox"/> 40 CFR63 SUBPART UUUU	<input type="checkbox"/> Rule 1175(f) See Applicable Subpart	<input type="checkbox"/> Rule 1175(e) See Applicable Subpart
<input type="checkbox"/> Manufacturing, Products Containing Halon Blends	<input type="checkbox"/> 40 CFR82 SUBPART H	See Applicable Subpart	See Applicable Subpart
<input type="checkbox"/> Manufacturing, Products Containing Organic Solvents	<input type="checkbox"/> Rule 443.1 (12/05/86)	N/A	N/A
<input type="checkbox"/> Manufacturing, Products Containing Ozone Depleting Substances (ODS)	<input type="checkbox"/> 40 CFR82 SUBPART A <input type="checkbox"/> 40 CFR82 SUBPART E	See Applicable Subpart See Applicable Subpart	See Applicable Subpart See Applicable Subpart
<input type="checkbox"/> Manufacturing, Reinforced Plastic Composites	<input type="checkbox"/> 40 CFR63 SUBPART WWWW	See Applicable Subpart	See Applicable Subpart
<input type="checkbox"/> Manufacturing, Refractory Products	<input type="checkbox"/> 40 CFR63 SUBPART SSSSS	See Applicable Subpart	See Applicable Subpart
<input type="checkbox"/> Manufacturing, Resin	<input type="checkbox"/> Rule 1141 (11/17/00) <input type="checkbox"/> 40 CFR63 SUBPART VI	<input type="checkbox"/> Rule 1141(d) See Applicable Subpart	<input type="checkbox"/> Rule 1141(c) See Applicable Subpart
<input type="checkbox"/> Manufacturing, Rubber Tire	<input type="checkbox"/> 40 CFR63 SUBPART XXXX	See Applicable Subpart	See Applicable Subpart
<input type="checkbox"/> Manufacturing, Semiconductors	<input type="checkbox"/> Rule 109 (05/02/93) <input type="checkbox"/> Rule 1164 (01/13/95) <input type="checkbox"/> Rule 1171 (05/01/09) <input type="checkbox"/> 40 CFR63 SUBPART BBBBB	<input type="checkbox"/> Rule 109(g) <input type="checkbox"/> Rule 1164(e) <input type="checkbox"/> Rule 1171(e) See Applicable Subpart	<input type="checkbox"/> Rule 109(c) <input type="checkbox"/> Rule 1164(c)(5) <input type="checkbox"/> Rule 1171(c)(5) See Applicable Subpart
<input type="checkbox"/> Manufacturing, Solvent	<input type="checkbox"/> Rule 443 (05/07/76)	N/A	N/A

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Section II - Applicable Requirements, Test Methods, MRR Requirements			
Equipment/Process	Applicable Requirement	Test Method	MRR Requirement
<input type="checkbox"/> Manufacturing, Sulfuric Acid	<input type="checkbox"/> Rule 469 (02/13/81) <input type="checkbox"/> 40 CFR60 SUBPART H <input type="checkbox"/> 40 CFR60 SUBPART Cd	<input type="checkbox"/> AQMD TM 6.1 or 6.2 See Applicable Subpart See Applicable Subpart	See Applicable Subpart See Applicable Subpart
<input type="checkbox"/> Manufacturing, Surfactant	<input type="checkbox"/> Rule 1141.2 (01/11/02)	<input type="checkbox"/> Rule 1141.2(e) <input type="checkbox"/> AQMD TM 25.1	
<input type="checkbox"/> Manufacturing, Synthetic Organic Chemical Manufacturing Industry (SOCMI) Air Oxidation Unit Processes	<input type="checkbox"/> 40 CFR60 SUBPART III <input type="checkbox"/> 40 CFR60 SUBPART NNN	See Applicable Subpart See Applicable Subpart	See Applicable Subpart See Applicable Subpart
<input type="checkbox"/> Manufacturing, Synthetic Organic Chemical Processes	<input type="checkbox"/> 40 CFR60 SUBPART RRR	See Applicable Subpart	See Applicable Subpart
<input type="checkbox"/> Manufacturing, Vinyl Chloride	<input type="checkbox"/> 40 CFR61 SUBPART F	See Applicable Subpart	See Applicable Subpart
<input type="checkbox"/> Manufacturing, Water Heaters	<input type="checkbox"/> Rule 1121 (09/03/04)	N/A	N/A
<input type="checkbox"/> Manufacturing, Wool Fiberglass Insulation	<input type="checkbox"/> 40 CFR60 SUBPART PPP	See Applicable Subpart	See Applicable Subpart
<input type="checkbox"/> Manure Processing Operations	<input type="checkbox"/> Rule 1127 (08/06/04)	<input type="checkbox"/> Rule 1127(h) <input type="checkbox"/> Rule 1142(e) <input type="checkbox"/> Rule 1173(j) See Applicable Subpart	<input type="checkbox"/> Rule 1127(g) <input type="checkbox"/> Rule 1142(h) <input type="checkbox"/> Rule 1173(i) See Applicable Subpart
<input type="checkbox"/> Marine Tank Vessel Operations	<input type="checkbox"/> 40 CFR63 SUBPART Y		
<input type="checkbox"/> Mercury Emissions	<input type="checkbox"/> 40 CFR61 SUBPART E <input type="checkbox"/> 40 CFR63 SUBPART IIII	See Applicable Subpart See Applicable Subpart	See Applicable Subpart See Applicable Subpart
<input type="checkbox"/> Motor Vehicle Air Conditioners with Ozone Depleting Substances (ODS) Repair, Service, Manufacturing, Maintenance or Disposal	<input type="checkbox"/> 40 CFR62 SUBPART B <input type="checkbox"/> 40 CFR62 SUBPART F	See Applicable Subpart See Applicable Subpart	See Applicable Subpart See Applicable Subpart
<input type="checkbox"/> Municipal Waste Combustors	<input type="checkbox"/> 40 CFR60 SUBPART Cb <input type="checkbox"/> 40 CFR60 SUBPART Ea <input type="checkbox"/> 40 CFR60 SUBPART Eb	See Applicable Subpart See Applicable Subpart See Applicable Subpart	See Applicable Subpart See Applicable Subpart See Applicable Subpart
<input type="checkbox"/> Negative Air Machines/HEPA Asbestos	<input type="checkbox"/> 40 CFR61 SUBPART M	See Applicable Subpart	See Applicable Subpart
<input type="checkbox"/> Nickel Electroplating Operation	<input type="checkbox"/> Rule 1426 (05/02/03)	See Applicable Subpart	See Applicable Subpart
<input type="checkbox"/> Nonmetallic Mineral Processing Plants	<input type="checkbox"/> Rule 404 (02/07/86) <input type="checkbox"/> Rule 405 (02/07/86) <input type="checkbox"/> 40 CFR60 SUBPART OOO	<input type="checkbox"/> AQMD TM 5.1, 5.2, or 5.3 <input type="checkbox"/> AQMD TM 5.1, 5.2, or 5.3 See Applicable Subpart	See Applicable Subpart
<input type="checkbox"/> Off-site Waste and Recovery Operation	<input type="checkbox"/> 40 CFR63 SUBPART DD	See Applicable Subpart	See Applicable Subpart

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Section II - Applicable Requirements, Test Methods, MRR Requirements			
Equipment/Process	Applicable Requirement	Test Method	MRR Requirement
<input checked="" type="checkbox"/> Oil and Gas Well Operation	<input checked="" type="checkbox"/> Rule 1148 (11/05/82) <input checked="" type="checkbox"/> Rule 1148.1 (03/05/04)	<input checked="" type="checkbox"/> AQMD TM 25.1 <input checked="" type="checkbox"/> Rule 1148.1 (g)	<input checked="" type="checkbox"/> Rule 1148.1 (f) See Applicable Subpart
<input type="checkbox"/> Onshore Natural Gas Processing, SO2 Emissions	<input type="checkbox"/> 40 CFR60 SUBPART LLL		
<input type="checkbox"/> Open Fires	<input type="checkbox"/> Rule 444 (11/07/08)		
<input type="checkbox"/> Open Storage: Petroleum Coke	<input type="checkbox"/> Rule 403 (06/03/05) <input type="checkbox"/> Rule 403.1 (04/02/04) <input type="checkbox"/> Rule 1158 (06/11/99)	<input type="checkbox"/> Rule 403(d)(4) <input type="checkbox"/> Rule 1158(h) <input type="checkbox"/> Rule 403(a)(4)	<input type="checkbox"/> Rule 403(f) <input type="checkbox"/> Rule 403.1(h) <input type="checkbox"/> Rule 1158(i) <input type="checkbox"/> Rule 403(f) <input type="checkbox"/> Rule 403.1(h)
<input type="checkbox"/> Open Storage	<input type="checkbox"/> Rule 403 (06/03/05) <input type="checkbox"/> Rule 403.1 (04/02/04)	<input type="checkbox"/> Rule 403(a)(4)	<input type="checkbox"/> Rule 403(f) <input type="checkbox"/> Rule 403.1(h)
<input type="checkbox"/> Outer Continental Shelf Platform	<input type="checkbox"/> Rule 1183 (03/12/93) <input type="checkbox"/> 40 CFR55	<input type="checkbox"/> 40 CFR55 See Applicable Subpart	<input type="checkbox"/> 40 CFR55 See Applicable Subpart
<input type="checkbox"/> Oven, Commercial Bakery	<input type="checkbox"/> Rule 1153 (01/13/95)	<input type="checkbox"/> Rule 1153(h)	<input type="checkbox"/> Rule 1153(g)
<input type="checkbox"/> Oven, Petroleum Coke	<input type="checkbox"/> Rule 477 (04/03/81)	<input type="checkbox"/> AQMD Visible Emissions, AQMD TM 5.1, 5.2, or 5.3 See Applicable Subpart	See Applicable Subpart
<input type="checkbox"/> Ozone Depleting Substances (ODS) or Alternative ODS Use	<input type="checkbox"/> 40 CFR63 SUBPART L <input type="checkbox"/> 40 CFR63 SUBPART CCCCC <input type="checkbox"/> 40 CFR82 Subpart G	See Applicable Subpart See Applicable Subpart See Applicable Subpart	See Applicable Subpart See Applicable Subpart See Applicable Subpart

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Section II - Applicable Requirements, Test Method, MRR Requirements			
Equipment/Process	Applicable Requirement	Test Method	MRR Requirement
<input type="checkbox"/> Petroleum Refineries	<input type="checkbox"/> Rule 218 (05/14/99)	<input type="checkbox"/> AQMD TM 100.1	<input type="checkbox"/> Rule 218(e) & (f)
	<input type="checkbox"/> Rule 465 (08/13/99)		
	<input type="checkbox"/> Rule 468 (10/08/76)	<input type="checkbox"/> AQMD TM 6.1 or 6.2	
	<input type="checkbox"/> Rule 469 (02/13/81)	<input type="checkbox"/> AQMD TM 6.1 or 6.2	
	<input type="checkbox"/> Rule 1118 (11/04/05)	<input type="checkbox"/> Rule 1118(j)	<input type="checkbox"/> Rule 1118(f), (g), (h), & (i)
	<input type="checkbox"/> Rule 1123 (12/07/90)	N/A	<input type="checkbox"/> Rule 1123(c)
	<input type="checkbox"/> Rule 1189 (01/21/00)	<input type="checkbox"/> Rule 1189(f)	<input type="checkbox"/> Rule 1189(e)
	<input type="checkbox"/> 40 CFR60 SUBPART J	See Applicable Subpart	See Applicable Subpart
	<input type="checkbox"/> 40 CFR63 SUBPART F	See Applicable Subpart	See Applicable Subpart
	<input type="checkbox"/> 40 CFR63 SUBPART G	See Applicable Subpart	See Applicable Subpart
	<input type="checkbox"/> 40 CFR63 SUBPART H	See Applicable Subpart	See Applicable Subpart
	<input type="checkbox"/> 40 CFR63 SUBPART I	See Applicable Subpart	See Applicable Subpart
	<input type="checkbox"/> 40 CFR63 SUBPART CC	See Applicable Subpart	See Applicable Subpart
	<input type="checkbox"/> 40 CFR63 SUBPART EEEE	See Applicable Subpart	See Applicable Subpart
	<input type="checkbox"/> 40 CFR63 SUBPART GGGG	See Applicable Subpart	See Applicable Subpart
	<input type="checkbox"/> Title 13 CCR 2250		
<input type="checkbox"/> Petroleum Refineries, Fugitive Emissions	<input type="checkbox"/> Rule 1173 (02/06/09)	<input type="checkbox"/> Rule 1173(j)	<input type="checkbox"/> Rule 1173(i)
	<input type="checkbox"/> Rule 466 (10/07/83)	<input type="checkbox"/> Rule 466(f)	<input type="checkbox"/> Rule 466(e)
	<input type="checkbox"/> Rule 466.1 (03/16/84)	<input type="checkbox"/> Rule 466.1(g)	<input type="checkbox"/> Rule 466.1(h)
	<input type="checkbox"/> Rule 467 (03/05/82)	<input type="checkbox"/> Rule 467(f)	<input type="checkbox"/> Rule 467(e)
	<input type="checkbox"/> 40 CFR60 SUBPART GGG	See Applicable Subpart	See Applicable Subpart
	<input type="checkbox"/> 40 CFR61 SUBPART V	See Applicable Subpart	See Applicable Subpart
	<input type="checkbox"/> 40 CFR63 SUBPART F	See Applicable Subpart	See Applicable Subpart
	<input type="checkbox"/> 40 CFR63 SUBPART G	See Applicable Subpart	See Applicable Subpart
	<input type="checkbox"/> 40 CFR63 SUBPART H	See Applicable Subpart	See Applicable Subpart
	<input type="checkbox"/> 40 CFR63 SUBPART I	See Applicable Subpart	See Applicable Subpart
	<input type="checkbox"/> 40 CFR63 SUBPART R	See Applicable Subpart	See Applicable Subpart
	<input type="checkbox"/> 40 CFR63 SUBPART CC	See Applicable Subpart	See Applicable Subpart

Section II - Applicable Requirements, Test Methods MRR Requirements			
Equipment/Process	Applicable Requirement	Test Method	MRR Requirement
<input type="checkbox"/> Petroleum Refineries, Storage Tanks	<input type="checkbox"/> Rule 463 (05/06/05)	<input type="checkbox"/> Rule 463(g)	<input type="checkbox"/> Rule 463(e)(5)
	<input type="checkbox"/> Rule 1178 (04/07/06)	<input type="checkbox"/> Rule 1178(i)	<input type="checkbox"/> Rule 1178(f) & (h)
	<input type="checkbox"/> 40 CFR60 SUBPART K	See Applicable Subpart	See Applicable Subpart
	<input type="checkbox"/> 40 CFR60 SUBPART Ka	See Applicable Subpart	See Applicable Subpart
	<input type="checkbox"/> 40 CFR60 SUBPART Kb	See Applicable Subpart	See Applicable Subpart
	<input type="checkbox"/> 40 CFR63 SUBPART F	See Applicable Subpart	See Applicable Subpart
	<input type="checkbox"/> 40 CFR63 SUBPART G	See Applicable Subpart	See Applicable Subpart
	<input type="checkbox"/> 40 CFR63 SUBPART H	See Applicable Subpart	See Applicable Subpart
	<input type="checkbox"/> 40 CFR63 SUBPART I	See Applicable Subpart	See Applicable Subpart
	<input type="checkbox"/> 40 CFR63 SUBPART R	See Applicable Subpart	See Applicable Subpart
	<input type="checkbox"/> 40 CFR63 SUBPART CC	See Applicable Subpart	See Applicable Subpart
	<input type="checkbox"/> 40 CFR63 SUBPART EEEE	See Applicable Subpart	See Applicable Subpart
	<input type="checkbox"/> Rule 1176 (09/13/96)	<input type="checkbox"/> Rule 1176(h)	<input type="checkbox"/> Rule 1176(f) & (g)
	<input type="checkbox"/> Rule 464 (12/07/90)	N/A	
<input type="checkbox"/> Petroleum Refineries, Wastewater Systems	<input type="checkbox"/> 40 CFR60 SUBPART QQQ	See Applicable Subpart	See Applicable Subpart
	<input type="checkbox"/> 40 CFR63 SUBPART CC	See Applicable Subpart	See Applicable Subpart
	<input type="checkbox"/> Rule 1103 (03/12/99)	<input type="checkbox"/> Rule 1103(f)	<input type="checkbox"/> Rule 1103(e)
	<input type="checkbox"/> 40 CFR63 SUBPART GGG	See Applicable Subpart	See Applicable Subpart
<input type="checkbox"/> Pharmaceuticals & Cosmetics Manufacturing	<input type="checkbox"/> Rule 109 (05/02/03)	<input type="checkbox"/> Rule 109(g)	<input type="checkbox"/> Rule 109(c)
	<input type="checkbox"/> Rule 1162 (07/08/05)	<input type="checkbox"/> Rule 1162(f)	<input type="checkbox"/> Rule 1162(e)
	<input type="checkbox"/> Rule 1171 (05/01/09)	<input type="checkbox"/> Rule 1171(e)	<input type="checkbox"/> Rule 1171(c)(5)
	<input type="checkbox"/> 40 CFR63 SUBPART TTTT	See Applicable Subpart	See Applicable Subpart
<input type="checkbox"/> Polyester Resin Operation	See Coating Operations		
	<input type="checkbox"/> Rule 1179 (03/06/92)	<input type="checkbox"/> Rule 1179(e)	<input type="checkbox"/> Rule 1179(c) & (d)
	<input type="checkbox"/> 40 CFR60 SUBPART O	See Applicable Subpart	See Applicable Subpart
	See Fugitive Emissions or Petroleum Refineries, Fugitive Emissions		
<input type="checkbox"/> Primary Magnesium Refining			
<input type="checkbox"/> Printing Press			
<input type="checkbox"/> Publicly Owned Treatment Works Operations			
<input checked="" type="checkbox"/> Pumps			

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Section II - Applicable Requirements, Test Methods, MRR Requirements			
Equipment/Process	Applicable Requirement	Test Method	MRR Requirement
<input type="checkbox"/> Recycling & Recovery Equipment for Ozone Depleting Substances (ODS)	<input type="checkbox"/> 40 CFR82 SUBPART F	See Applicable Subpart	See Applicable Subpart
<input type="checkbox"/> Refrigerant Reclaimers for Ozone Depleting Substances (ODS)	<input type="checkbox"/> 40 CFR82 SUBPART F	See Applicable Subpart	See Applicable Subpart
<input type="checkbox"/> Rendering Plant	<input type="checkbox"/> Rule 472 (05/07/76)	N/A	<input type="checkbox"/> Rule 472(b)
<input type="checkbox"/> Rock Crushing	See Nonmetallic Mineral Processing Plants		
<input type="checkbox"/> Secondary Aluminum Production	<input type="checkbox"/> 40 CFR63 SUBPART LL	See Applicable Subpart	See Applicable Subpart
<input type="checkbox"/> Semiconductor Manufacturing	See Manufacturing, Semiconductors		
<input type="checkbox"/> Sewage Treatment Plants	See Publicly Owned Treatment Works Operation		
<input type="checkbox"/> Site Remediation	<input type="checkbox"/> 40 CFR63 SUBPART GGGGG	See Applicable Subpart	See Applicable Subpart
<input type="checkbox"/> Smelting, Primary Copper	<input type="checkbox"/> 40 CFR63 SUBPART QQQ	See Applicable Subpart	See Applicable Subpart
<input type="checkbox"/> Smelting, Secondary Lead	<input type="checkbox"/> 40 CFR60 SUBPART L <input type="checkbox"/> 40 CFR63 SUBPART X	See Applicable Subpart See Applicable Subpart	See Applicable Subpart See Applicable Subpart
<input type="checkbox"/> Soil Decontamination / Excavation	<input type="checkbox"/> Rule 1166 (05/11/01) <input type="checkbox"/> 40 CFR63 SUBPART GGGGG	<input type="checkbox"/> Rule 1166(e) See Applicable Subpart	<input type="checkbox"/> Rule 1166(c)(1)(C) See Applicable Subpart
<input type="checkbox"/> Spray Booth	See Coating Operations		
<input type="checkbox"/> Sterilizer Ethylene Oxide	<input type="checkbox"/> 40 CFR63 SUBPART O	See Applicable Subpart	See Applicable Subpart
<input checked="" type="checkbox"/> Storage Tank, Degassing Operation	<input checked="" type="checkbox"/> Rule 1149 (07/14/95) <input type="checkbox"/> 40 CFR63 SUBPART CC	See Applicable Subpart	See Applicable Subpart

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Section II - Applicable Requirements, Test Methods, MRR Requirements			
Equipment/Process	Applicable Requirement	Test Method	MRR Requirement
<input checked="" type="checkbox"/> Storage Tank, Greater Than 19,815 Gallon Capacity	<input checked="" type="checkbox"/> Rule 463 (05/06/05) <input type="checkbox"/> Rule 1178 (04/07/06) <input type="checkbox"/> 40 CFR63 SUBPART F <input type="checkbox"/> 40 CFR63 SUBPART G <input type="checkbox"/> 40 CFR63 SUBPART H <input type="checkbox"/> 40 CFR63 SUBPART I <input type="checkbox"/> 40 CFR60 SUBPART K <input type="checkbox"/> 40 CFR60 SUBPART Ka <input type="checkbox"/> 40 CFR60 SUBPART Kb <input type="checkbox"/> 40 CFR63 SUBPART R <input type="checkbox"/> 40 CFR63 SUBPART BB88BB <input type="checkbox"/> 40 CFR63 SUBPART CC	<input checked="" type="checkbox"/> Rule 463(g) <input type="checkbox"/> Rule 1178(i) See Applicable Subpart See Applicable Subpart See Applicable Subpart See Applicable Subpart See Applicable Subpart See Applicable Subpart See Applicable Subpart See Applicable Subpart See Applicable Subpart See Applicable Subpart	<input type="checkbox"/> Rule 463(e)(5) <input type="checkbox"/> Rule 1178(h) See Applicable Subpart See Applicable Subpart See Applicable Subpart See Applicable Subpart See Applicable Subpart See Applicable Subpart See Applicable Subpart See Applicable Subpart See Applicable Subpart
<input type="checkbox"/> Synthetic Fiber Production Facilities	<input type="checkbox"/> 40 CFR60 SUBPART HHH	See Applicable Subpart	See Applicable Subpart
<input type="checkbox"/> Taconite Iron Ore Processing Facilities	<input type="checkbox"/> 40 CFR63 SUBPART RRRRR	See Applicable Subpart	See Applicable Subpart
<input type="checkbox"/> Turbine, Stationary Gas-Fired	<input type="checkbox"/> Rule 1134 (08/08/97) <input type="checkbox"/> Rule 475 (08/07/78) <input type="checkbox"/> 40 CFR60 SUBPART GG <input type="checkbox"/> 40 CFR60 SUBPART KKKK <input type="checkbox"/> 40 CFR63 SUBPART YYYY	<input type="checkbox"/> Rule 1134(e) & (g) <input type="checkbox"/> AQMD TM 5.1, 5.2, or 5.3 See Applicable Subpart See Applicable Subpart See Applicable Subpart	<input type="checkbox"/> Rule 1134(d) & (f) See Applicable Subpart See Applicable Subpart See Applicable Subpart
<input type="checkbox"/> Turbine, Stationary Oil-Fired	<input type="checkbox"/> 40 CFR63 SUBPART YYYY	See Applicable Subpart	See Applicable Subpart
<input checked="" type="checkbox"/> Valves	See Fugitive Emissions or Petroleum Refineries, Fugitive Emissions		
<input type="checkbox"/> Vessel, Refinery Process	<input type="checkbox"/> Rule 1123 (12/07/90)	N/A	<input type="checkbox"/> Rule 1123(c)
<input type="checkbox"/> Vessels	See Petroleum Refineries, Fugitive Emissions		

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Section II - Applicable Requirements, Test Methods, MRR Requirements				
Equipment/Process	Applicable Requirement	Test Method	MRR Requirement	
<input type="checkbox"/> Wastewater, Chemical Plant	<input type="checkbox"/> Rule 464 (12/07/90) <input type="checkbox"/> Rule 1176 (09/13/96) <input type="checkbox"/> 40 CFR63 SUBPART F <input type="checkbox"/> 40 CFR63 SUBPART G <input type="checkbox"/> 40 CFR63 SUBPART H <input type="checkbox"/> 40 CFR63 SUBPART I <input type="checkbox"/> 40 CFR63 SUBPART CC	N/A <input type="checkbox"/> Rule 1176(h) See Applicable Subpart See Applicable Subpart See Applicable Subpart See Applicable Subpart See Applicable Subpart	<input type="checkbox"/> Rule 1176(f) & (g) See Applicable Subpart See Applicable Subpart See Applicable Subpart See Applicable Subpart See Applicable Subpart	
<input checked="" type="checkbox"/> Wastewater Treatment, Other	<input checked="" type="checkbox"/> Rule 464 (12/07/90) <input checked="" type="checkbox"/> Rule 1176 (09/13/96)	N/A <input checked="" type="checkbox"/> Rule 1176(h)	<input checked="" type="checkbox"/> Rule 1176(f) & (g)	
<input type="checkbox"/> Woodworking Operations	<input type="checkbox"/> Rule 1137 (02/01/02)	N/A	<input type="checkbox"/> Rule 1137(e)	

KEY ABBREVIATIONS:		Reg = AQMD Regulation Rule = AQMD Rule	App. = Appendix AQMD TM = AQMD Test Method	CFR = Code of Federal Regulations CCR = California Code of Regulations
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Complete this section only if there is a specific requirement (i.e., rule reference, test method, or MRR requirement) that is:

- NOTES:

- * If this section is completed as part of the initial Title V application & there is no device number assigned, refer to the existing permit or application number in this column.

[illegible]

Section IV - SIP-Approved Rules That Are Not The Most Current AQMD Rules

Check off each SIP-Approved Rule as it applies to the facility. Use the blanks at the end of this form to fill-in new items.

SIP - Approved Rule	Adoption/ Amendment Date	Check (✓) If Applies	SIP - Approved Rule	Adoption/ Amendment Date	Check (✓) If Applies
401	03/02/84	<input checked="" type="checkbox"/>			<input type="checkbox"/>
431.2	05/04/90	<input type="checkbox"/>			<input type="checkbox"/>
461	6/3/05	<input type="checkbox"/>			<input type="checkbox"/>
466.1	05/02/80	<input type="checkbox"/>			<input type="checkbox"/>
469	04/07/76	<input type="checkbox"/>			<input type="checkbox"/>
475	10/08/76	<input type="checkbox"/>			<input type="checkbox"/>
1112	01/06/84	<input type="checkbox"/>			<input type="checkbox"/>
1112.1	2/7/86	<input type="checkbox"/>			<input type="checkbox"/>
1113	11/08/96	<input checked="" type="checkbox"/>			<input type="checkbox"/>
1117	1/6/83	<input type="checkbox"/>			<input type="checkbox"/>
1122	07/11/97	<input type="checkbox"/>			<input type="checkbox"/>
1132	03/05/04	<input type="checkbox"/>			<input type="checkbox"/>
1140	02/01/80	<input type="checkbox"/>			<input type="checkbox"/>
1146	11/17/00	<input checked="" type="checkbox"/>			<input type="checkbox"/>
1146.1	5/13/94	<input type="checkbox"/>			<input type="checkbox"/>
1151	12/11/98	<input type="checkbox"/>			<input type="checkbox"/>
1158	6/11/99	<input type="checkbox"/>			<input type="checkbox"/>
1162	11/17/00	<input type="checkbox"/>			<input type="checkbox"/>
1166	07/14/95	<input type="checkbox"/>			<input type="checkbox"/>
1171	11/07/03	<input type="checkbox"/>			<input type="checkbox"/>
1175	05/13/94	<input type="checkbox"/>			<input type="checkbox"/>
1186	09/10/99	<input type="checkbox"/>			<input type="checkbox"/>

Section V - AQMD Rules That Are Not SIP-Approved (Continued on Following Page)

Checkoff each AQMD Rule as it applies to the facility. Use the blanks at the end of this form to fill-in new items.

Non SIP - Approved Rule	Adoption/ Amendment Date	Check (✓) If Applies	Non SIP - Approved Rule	Adoption/ Amendment Date	Check (✓) If Applies
53 Los Angeles Co.	N/A	<input type="checkbox"/>	1192	06/16/00	<input type="checkbox"/>
53 Orange Co.	N/A	<input type="checkbox"/>	1193	07/09/10	<input type="checkbox"/>
53 Riverside Co.	N/A	<input type="checkbox"/>	1194	10/20/00	<input type="checkbox"/>
53 San Bernardino Co.	N/A	<input type="checkbox"/>	1195	05/05/06	<input type="checkbox"/>
53A San Bernardino Co.	N/A	<input type="checkbox"/>	1196	06/06/08	<input type="checkbox"/>
402	05/07/76	<input checked="" type="checkbox"/>	1401	09/10/10	<input checked="" type="checkbox"/>
429	12/21/90	<input type="checkbox"/>	1401.1	11/04/05	<input type="checkbox"/>
430	07/12/96	<input checked="" type="checkbox"/>	1402	03/04/05	<input type="checkbox"/>
441	05/07/76	<input type="checkbox"/>	1403	10/05/07	<input type="checkbox"/>
473	05/07/76	<input type="checkbox"/>	1404	04/06/90	<input type="checkbox"/>
477	04/03/81	<input type="checkbox"/>	1405	01/04/91	<input type="checkbox"/>
480	10/07/77	<input type="checkbox"/>	1406	07/08/94	<input type="checkbox"/>
1109	08/05/88	<input type="checkbox"/>	1407	07/08/94	<input type="checkbox"/>
1110.2	07/09/10	<input type="checkbox"/>	1411	03/01/91	<input type="checkbox"/>
1116.1	10/20/78	<input type="checkbox"/>	1414	05/03/91	<input type="checkbox"/>
1127	08/06/04	<input type="checkbox"/>	1415	10/14/94	<input type="checkbox"/>
1143	07/09/10	<input type="checkbox"/>	1418	09/10/99	<input type="checkbox"/>
1147	12/05/08	<input type="checkbox"/>	1420	09/11/92	<input type="checkbox"/>
1148.1	03/05/04	<input checked="" type="checkbox"/>	1420.1	11/05/10	<input type="checkbox"/>
1150	10/15/82	<input type="checkbox"/>	1421	12/06/02	<input type="checkbox"/>
1155	12/04/09	<input type="checkbox"/>	1425	03/16/01	<input type="checkbox"/>
1156	03/06/09	<input type="checkbox"/>	1426	05/02/03	<input type="checkbox"/>
1157	09/08/06	<input type="checkbox"/>			<input type="checkbox"/>
1163	06/07/85	<input type="checkbox"/>			<input type="checkbox"/>
1170	05/06/88	<input type="checkbox"/>			<input type="checkbox"/>
1183	03/12/93	<input type="checkbox"/>			<input type="checkbox"/>
1186.1	01/09/09	<input type="checkbox"/>			<input type="checkbox"/>
1191	06/16/00	<input type="checkbox"/>			<input type="checkbox"/>

Section V - AQMD Rules That Are Not SIP-Approved (Continued on Following Page)

Check off each AQMD Rule as it applies to the facility. Use the blanks at the end of this form to fill-in new items.

Non SIP - Approved Rule	Adoption/ Amendment Date	Check (✓) If Applies	Non SIP - Approved Rule	Adoption/ Amendment Date	Check (✓) If Applies
1469	12/05/08	<input type="checkbox"/>	2009.1	05/11/01	<input type="checkbox"/>
1469.1	03/04/05	<input type="checkbox"/>	2501	05/09/97	<input type="checkbox"/>
1470	06/01/07	<input type="checkbox"/>	2506	12/10/99	<input type="checkbox"/>
1472	03/07/08	<input type="checkbox"/>			<input type="checkbox"/>
2009	01/07/05	<input type="checkbox"/>			<input type="checkbox"/>
		<input type="checkbox"/>			<input type="checkbox"/>
		<input type="checkbox"/>			<input type="checkbox"/>
		<input type="checkbox"/>			<input type="checkbox"/>
		<input type="checkbox"/>			<input type="checkbox"/>
		<input type="checkbox"/>			<input type="checkbox"/>



South Coast Air Quality Management District

Form 500-C2

Title V Non-Compliant Operations Report and Part 70 Compliance Schedule/Plan and Quality Improvement Plan - QIP

Mail To:
SCAQMD
P.O. Box 4941
Diamond Bar, CA 91765-0941

Tel: (909) 396-3385
www.aqmd.gov

Section I - Operator Information

1. Facility Name (Business Name of Operator That Appears On Permit): TIDELANDS OIL PRODUCTION COMPANY 2. Date: (mo/day/yr) 02/21/2012 3. Revision? ☐ 4. Valid AQMD Facility ID (Available On Permit Or Invoice Issued By AQMD): 800325

Section II - Non-Compliant Operations Report

1. ☐ Facility applying for initial Title V permit: This facility has not been issued an initial Title V permit. The table below describes the non-compliant operations and the applicable requirements. The variance case number is also noted.
2. ☒ Facility has been issued an initial Title V permit:
- a. ☒ This facility has experienced non-compliant operations as described below but achieved compliance with the applicable requirements on 02/21/2012 (mo/day/yr).
- b. ☐ This facility continues to experience non-compliant with the applicable requirements as described below. The Case Number for the approved Alternative Operating Conditions (AOC) is noted.

Device or Application Number	Applicable Requirement* (Rule or Permit Condition Number)	Federally Enforceable Requirement?	(Including any Notices of Violation Issued) Describe Non-Compliant Operations (Attach additional sheets as needed.)	Variance or AOC Case Number (Attach copy of document.)
487170	RULE 201	<input checked="" type="radio"/> Yes <input type="radio"/> No	EQUIPMENT ALTERED WITHOUT MODIFYING PERMIT	
317584	RULE 201	<input checked="" type="radio"/> Yes <input type="radio"/> No	EQUIPMENT ALTERED WITHOUT MODIFYING PERMIT	
		<input type="radio"/> Yes <input type="radio"/> No		
		<input type="radio"/> Yes <input type="radio"/> No		
		<input type="radio"/> Yes <input type="radio"/> No		

*Only list the applicable requirement with which the operation is not in compliance.

Section III - Part 70 Compliance Schedule/Plan and QIP

Describe How Compliance Was or Will Be Achieved	Compliance Schedule	
	Date (mo/day/yr)	Remedial Measures & Milestones
A/N 487170 - PERMIT APP. INCLUDED WITH THIS FORM	02/21/2012	
A/N 317584 - PERMIT APP. INCLUDED WITH THSI FORM	02/21/2012	

Section IV - Progress Report Schedule

1. Certified progress reports will be submitted according to the following schedule (Check a or b and complete c.):

- a. ☐ Semi-annually b. ☐ More frequently as specified c. Submittal dates: 1) _____ 2) _____ 3) _____ 4) _____ (mo/day/yr)



South Coast Air Quality Management District

Form 500-N**Title V - Deviations, Emergencies & Breakdowns**

*This written report is in addition to requirements to verbally report certain types of incidents. Verbal reports may be made by calling AQMD at 1-800-288-7664 (1-800-CUT-SMOG) or AQMD enforcement personnel.

Mail To:
SCAQMD
P.O. Box 4941
Diamond Bar, CA 91765-0941

Tel: (909) 396-3385
www.aqmd.gov

Section I - Operator Information

1. Facility Name (Business Name of Operator That Appears On Permit): <u>TIDELANDS OIL PRODUCTION COMPANY</u>		2. Valid AQMD Facility ID (Available On Permit Or Invoice Issued By AQMD): <u>800325</u>	
3. Address: <u>949 PIER G AVENUE</u> (where incident occurred) Street Address			
<u>LONG BEACH</u> City		<u>CA</u> State	<u>90802</u> Zip
4. Mailing Address: <u>111 WEST OCEAN BOULEVARD, SUITE 800</u> (if different from Item 3) Street Address			
<u>LONG BEACH</u> City		<u>CA</u> State	<u>90802</u> Zip
5. Provide the name, title, and phone number of the person to contact for further information:			
<u>BRYAN HARDWICK</u> Name		<u>HES ADVISOR</u> Title	<u>(562) 477-2649</u> Phone #

Section II - Reporting of Breakdowns, Deviations, and Emergencies

1. This written notification is to report a(n):		
Type of Incident	Verbal Report Due*	Written Report Due
a. <input type="checkbox"/> Emergency under Rule 3002(g)	Within 1 hour of discovery	Within 2 working days from when the emission limit was exceeded.
b. <input type="checkbox"/> Breakdown under: <input type="checkbox"/> Rule 430 (Non-RECLAIM) <input type="checkbox"/> Rule 2004 (RECLAIM) <input type="checkbox"/> Rule 218 (Non-RECLAIM) [See Rule 218(f)(3)]	For Rules 430 & 2004 - Within 1 hour of discovery. For Rule 218 - Within 24 hours or next business day for failure/shutdown exceeding 24 hours	For Rules 430 & 2004 - Within 7 calendar days after breakdown is corrected, but no later than 30 days from start of the breakdown, unless a written extension is granted. For Rule 218 - With required semi-annual reports.
c. <input type="checkbox"/> Deviation with excess emissions [See Title V Permit, Section K, Condition No. 22B]	Within 72 hours of discovery of the deviation or shorter reporting period if required by an applicable State or Federal Regulation.	Within 14 days of discovery of the deviation.
d. <input checked="" type="checkbox"/> Other Deviation [See Title V Permit, Section K, Condition Nos. 22D & 23]	None	With required semi-annual monitoring reports
2. The incident was first discovered by: <u>BRYAN HARDWICK</u> on _____ AM Name Date Time PM		
3. The incident was first reported by: <u>N/A</u> on _____ AM Name of AQMD Staff Person Date Time PM		
a. Via Phone		
b. In Person		
Notification Number (Required): _____		
4. When did the incident actually occur? _____ AM Date Time PM		

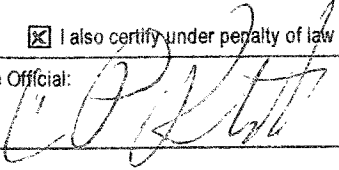
AQMD USE ONLY	Received By:		Assigned By:		Inspector:	
	Date/Time Received:		Date/Time Assigned:		Date/Time Received Assignment:	
	Date Delivered To Team:		Date Reviewed Inspector Report:		Date Inspected Facility:	
	Team:	Sector:	Breakdown/Deviation Notification No.		Date Completed Report:	
	Recommended Action:		Cancel Notification	Grant Relief	Issue NOV No. _____	Other: _____
	Final Action:		Cancel Notification	Grant Relief	Issue NOV No. _____	Other: _____

5. Has the incident stopped? a. ☒ Yes, on: _____ Date _____ Time _____ ☐ AM ☐ PM b. ☐ No
6. What was the total duration of the incident? _____ Days _____ Hours
7. For equipment with an operating cycle, as defined in Rule 430 (b)(3)(A), when was the end of the operating cycle during which the incident occurred? _____ Date _____ Time _____ ☐ AM ☐ PM
8. Describe the incident and identify each piece of equipment (by permit, application, or device number) affected. Attach photos (when available) of the affected equipment and attach additional pages as necessary.
- EXISTING EQUIPMENT DOES NOT MATCH PERMIT DESCRIPTION, A/N 487170, A/N 317584
9. The incident may have resulted in a:
- a. ☐ Violation of Permit Condition(s): _____
- b. ☒ Violation of AQMD Rule(s): RULE 201
10. What was the probable cause of the incident? Attach additional pages as necessary.
- MINOR ADMINISTRATIVE CHANGES TO PERMIT DESCRIPTION. NO EMISSIONS RESULTED FROM THIS MODIFICATION.
11. Did the incident result in excess emissions? ☒ No ☐ Yes (Complete the following and attach calculations.)
- ☐ VOC _____ lbs ☐ NOx _____ lbs ☐ SOx _____ lbs ☐ H2S _____ lbs
- ☐ CO _____ lbs ☐ PM _____ lbs ☐ Other: _____ lbs _____ pollutant
12. For RECLAIM facilities Subject to Rule 2004 (i)(3) ONLY: If excess emissions of NOx and/or SOx were reported in Item 11, do you want these emissions to be counted when determining compliance with your annual allocations?
- a. ☐ Yes, for: ☐ NOx ☐ SOx b. ☐ No, for: ☐ NOx ☐ SOx
- If box 12(b) above is checked, include all information specified in Rule 2004(i)(3)(B) and (C), as applicable.
13. Describe the steps taken to correct the problem (i.e., steps taken to mitigate excess emissions, equipment repairs, etc.) and the preventative measures employed to avoid future incidents. Include photos of the failed equipment if available and attach additional pages as necessary.
- SUBMIT PERMIT APPLICATION TO UPDATE EXISTING EQUIPMENT AND OPERATING CONDITIONS.
14. Was the facility operating properly prior to the incident?
- a. ☒ Yes b. ☐ No, because: _____
15. Did the incident result from operator error, neglect or improper operation or maintenance procedures?
- a. ☐ Yes b. ☒ No, because: _____
- Has the facility returned to compliance?
- a. ☐ No, because: _____
- b. ☒ Yes (Attach evidence such as emissions calculations, contemporaneous operating logs or other credible evidence.)

Section III - Certification Statement

I certify under penalty of law that based on information and belief formed after reasonable inquiry, the statements and information in this document and in all attachments and other materials are true, accurate, and complete.

For Title V Facilities ONLY: ☒ I also certify under penalty of law that I am the responsible official for this facility as defined in AQMD Regulation XXX.

1. Signature of Responsible Official:	2. Title of Responsible Official:
	MANAGER OF OPERATIONS
3. Print Name:	4. Date:
CHARLES PLANT	2/27/12
5. Phone #:	6. Fax #:
(562) 624-3202	

7. Address of Responsible Official:

111 WEST OCEAN BLVD., SUITE 800 LONG BEACH CA 90802

Street # City State Zip